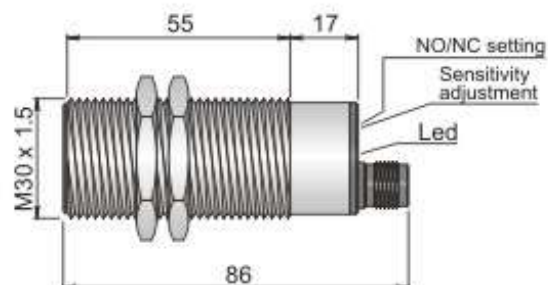




Part number: C30000144 - Model: SC30SM-A20 NO/NC H



Dimension in mm

TECHNICAL CHARACTERISTICS

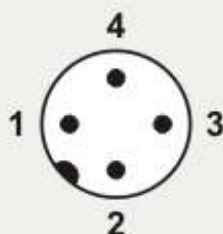
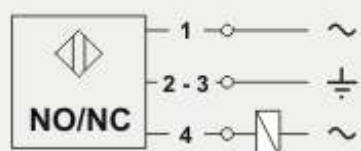
Working voltage:	20 ÷ 250 Vac
Output type:	AC
Function:	NO/NC programmable
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 20 (adjustable)
Hysteresis (%Sn):	< = 20
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 10
Max output current:	500 mA
Min output current:	10 mA (minimum current for release)
Max. peak current for 20msec:	1.5 A
Residual current:	< = 1 mA
Voltage drop:	< 6 V
Led indicator:	Yellow
Shielding:	Embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	H plug
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	260 g



Part number: C30000144 - Model: SC30SM-A20 NO/NC H

WIRING DIAGRAM

CONNECTION WITH H PLUG



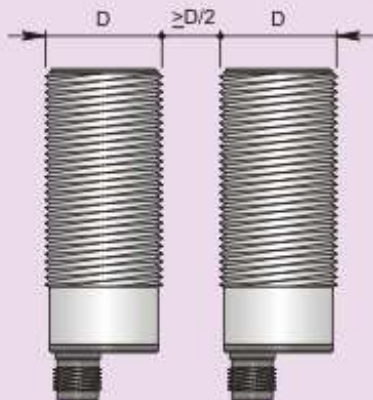
VIEW OF MALE CONNECTOR

1 = ~
2 - 3 = $\frac{+}{-}$
4 = ~

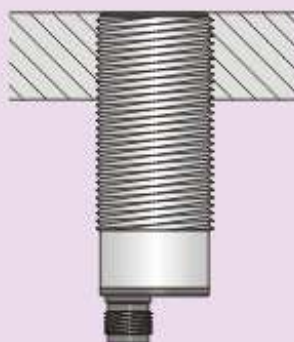
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

EMBEDDABLE



Side by side mounting



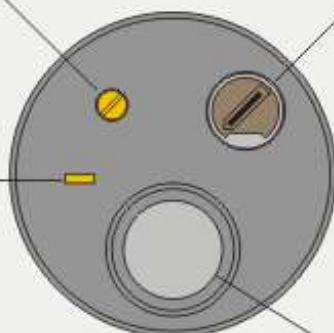
Flush mounting

REAR VIEW

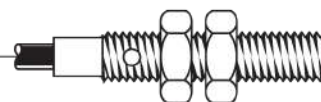
Sensitivity adjustment

NO/NC setting

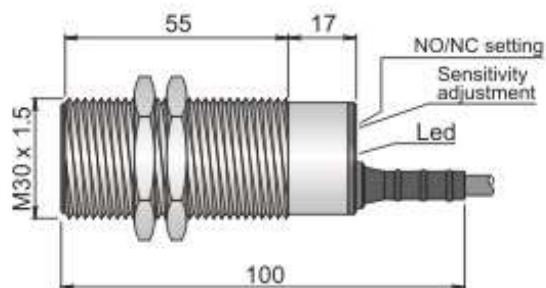
Output led



Cable / H plug



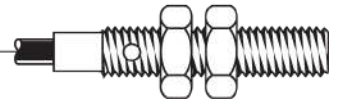
Part number: C30000143 - Model: SC30SM-A20 NO/NC LC10



Dimension in mm

TECHNICAL CHARACTERISTICS

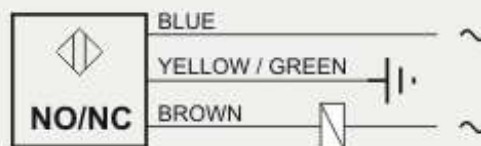
Working voltage:	20 ÷ 250 Vac
Output type:	AC
Function:	NO/NC programmable
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 20 (adjustable)
Hysteresis (%Sn):	< = 20
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 10
Max output current:	500 mA
Min output current:	10 mA (minimum current for release)
Max. peak current for 20msec:	1.5 A
Residual current:	< = 1 mA
Voltage drop:	< 6 V
Led indicator:	Yellow
Shielding:	Embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 10 m
Cable type:	3x0.35 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	510 g



Part number: C30000143 - Model: SC30SM-A20 NO/NC LC10

WIRING DIAGRAM

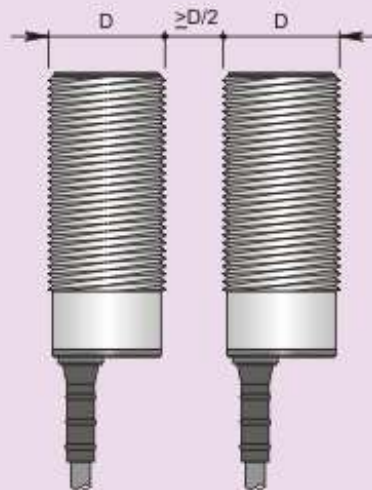
2 WIRES + GROUND CABLE (NO/NC Programmable)



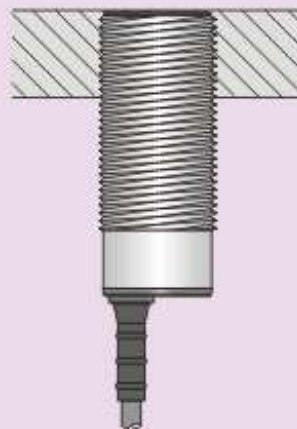
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

EMBEDDABLE



Side by side mounting



Flush mounting

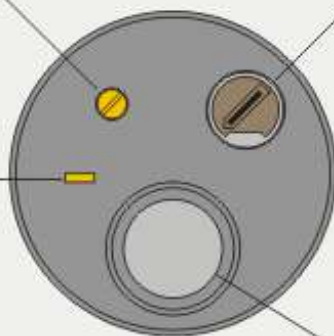
REAR VIEW

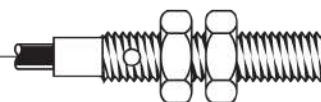
Sensitivity adjustment

NO/NC setting

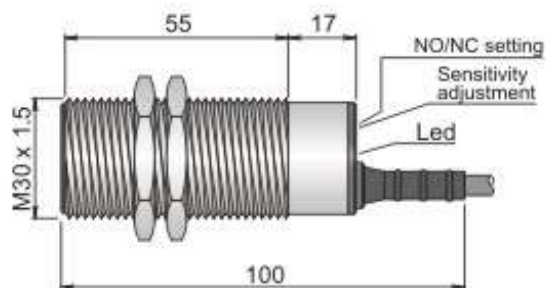
Output led

Cable / H plug





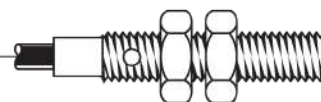
Part number: C30000142 - Model: SC30SM-A20 NO/NC LC5



Dimension in mm

TECHNICAL CHARACTERISTICS

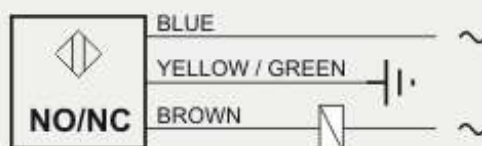
Working voltage:	20 ÷ 250 Vac
Output type:	AC
Function:	NO/NC programmable
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 20 (adjustable)
Hysteresis (%Sn):	< = 20
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 10
Max output current:	500 mA
Min output current:	10 mA (minimum current for release)
Max. peak current for 20msec:	1.5 A
Residual current:	< = 1 mA
Voltage drop:	< 6 V
Led indicator:	Yellow
Shielding:	Embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 5 m
Cable type:	3x0.35 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	360 g



Part number: C30000142 - Model: SC30SM-A20 NO/NC LC5

WIRING DIAGRAM

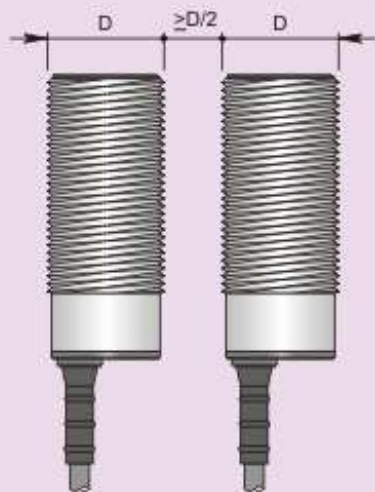
2 WIRES + GROUND CABLE (NO/NC Programmable)



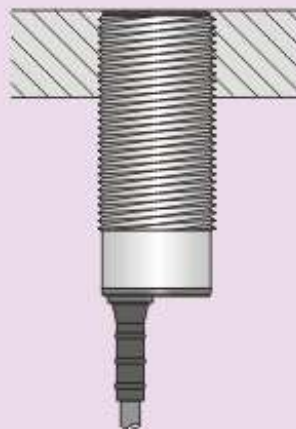
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

EMBEDDABLE



Side by side mounting



Flush mounting

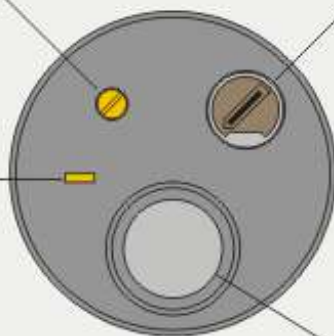
REAR VIEW

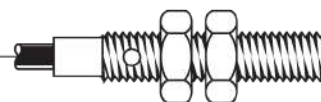
Sensitivity adjustment

NO/NC setting

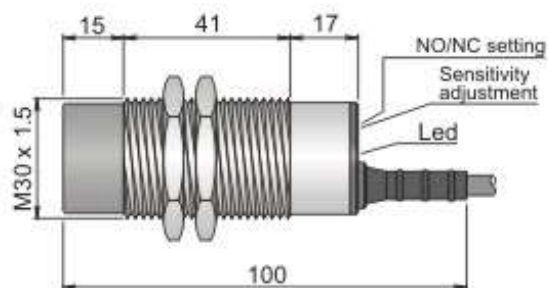
Output led

Cable / H plug





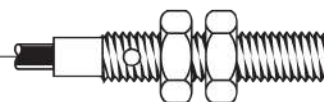
Part number: C30000145 - Model: SC30SM-AE25 NO/NC



Dimension in mm

TECHNICAL CHARACTERISTICS

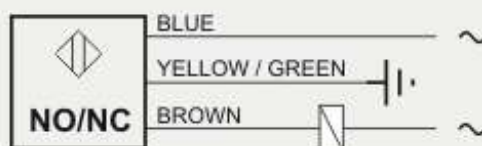
Working voltage:	20 ÷ 250 Vac
Output type:	AC
Function:	NO/NC programmable
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 25 (adjustable)
Hysteresis (%Sn):	< = 20
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 10
Max output current:	500 mA
Min output current:	10 mA (minimum current for release)
Max. peak current for 20msec:	1.5 A
Residual current:	< = 1 mA
Voltage drop:	< 6 V
Led indicator:	Yellow
Shielding:	Not embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 3 m
Cable type:	3x0.35 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	300 g



Part number: C30000145 - Model: SC30SM-AE25 NO/NC

WIRING DIAGRAM

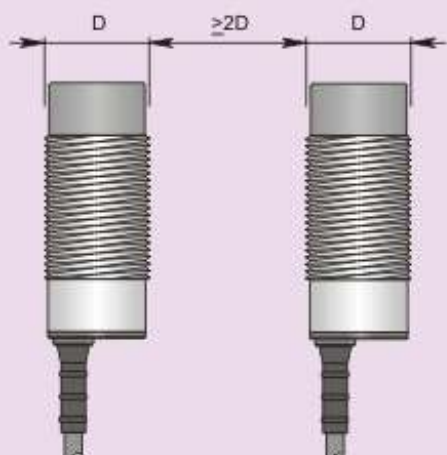
2 WIRES + GROUND CABLE (NO/NC Programmable)



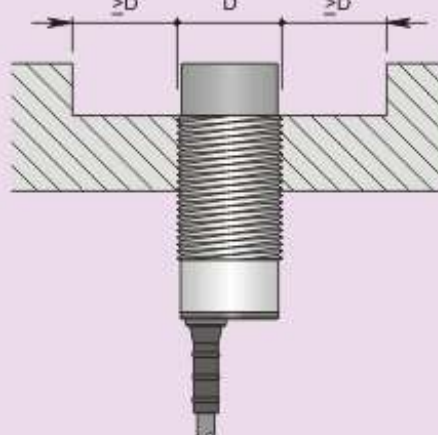
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

NOT EMBEDDABLE



Side by side mounting



Non flush mounting

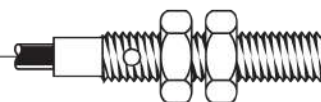
REAR VIEW

Sensitivity adjustment

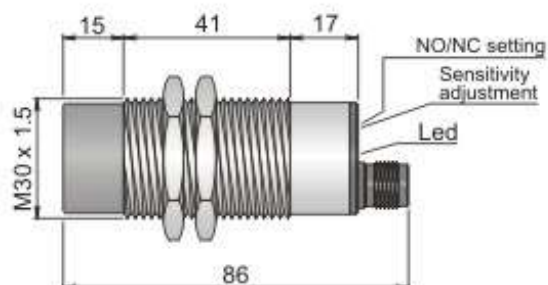
NO/NC setting

Output led

Cable / H plug



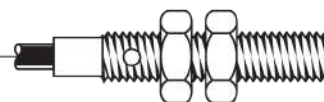
Part number: C30000148 - Model: SC30SM-AE25 NO/NC H



Dimension in mm

TECHNICAL CHARACTERISTICS

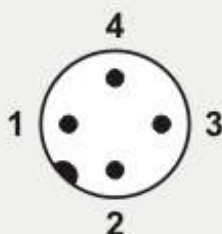
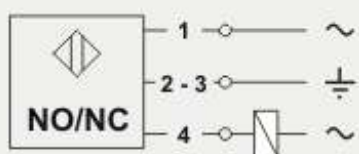
Working voltage:	20 ÷ 250 Vac
Output type:	AC
Function:	NO/NC programmable
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 25 (adjustable)
Hysteresis (%Sn):	< = 20
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 10
Max output current:	500 mA
Min output current:	10 mA (minimum current for release)
Max. peak current for 20msec:	1.5 A
Residual current:	< = 1 mA
Voltage drop:	< 6 V
Led indicator:	Yellow
Shielding:	Not embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	H plug
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	260 g



Part number: C30000148 - Model: SC30SM-AE25 NO/NC H

WIRING DIAGRAM

CONNECTION WITH H PLUG



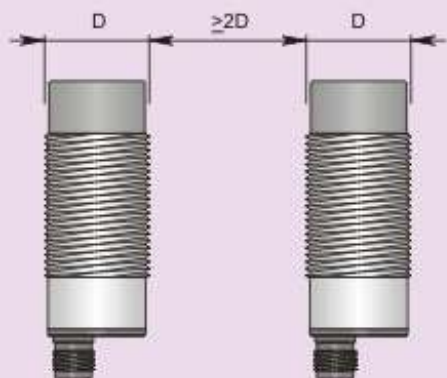
VIEW OF MALE CONNECTOR

1 = ~
2 - 3 = $\perp$
4 = ~

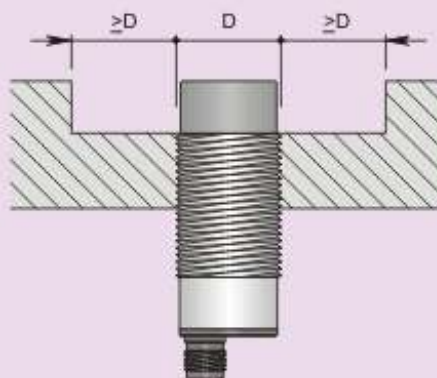
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

NOT EMBEDDABLE



Side by side mounting



Non flush mounting

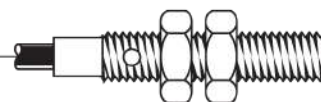
REAR VIEW

Sensitivity adjustment

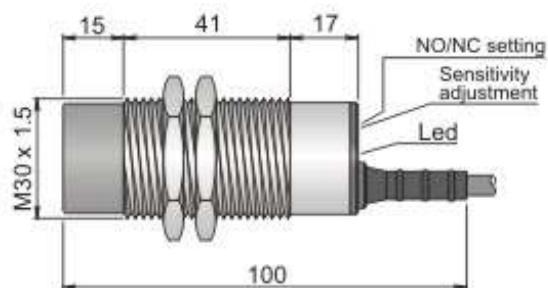
NO/NC setting

Output led

Cable / H plug



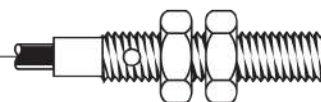
Part number: C30000147 - Model: SC30SM-AE25 NO/NC LC10



Dimension in mm

TECHNICAL CHARACTERISTICS

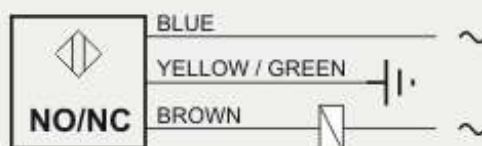
Working voltage:	20 ÷ 250 Vac
Output type:	AC
Function:	NO/NC programmable
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 25 (adjustable)
Hysteresis (%Sn):	< = 20
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 10
Max output current:	500 mA
Min output current:	10 mA (minimum current for release)
Max. peak current for 20msec:	1.5 A
Residual current:	< = 1 mA
Voltage drop:	< 6 V
Led indicator:	Yellow
Shielding:	Not embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 10 m
Cable type:	3x0.35 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	510 g



Part number: C30000147 - Model: SC30SM-AE25 NO/NC LC10

WIRING DIAGRAM

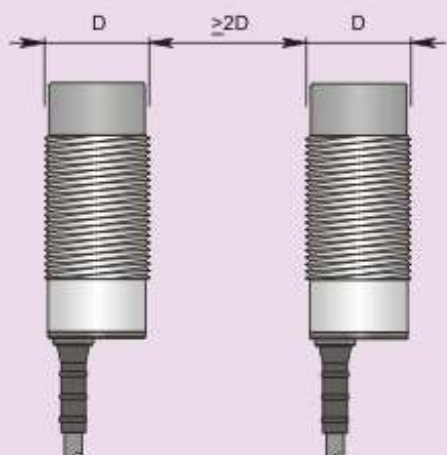
2 WIRES + GROUND CABLE (NO/NC Programmable)



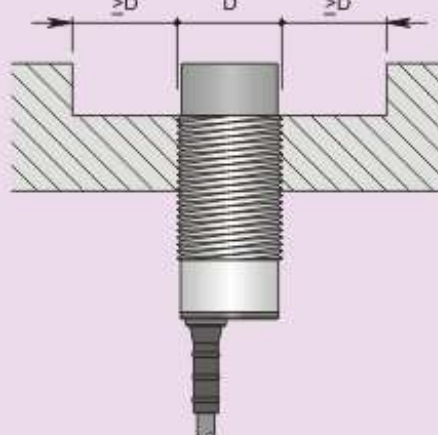
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

NOT EMBEDDABLE



Side by side mounting



Non flush mounting

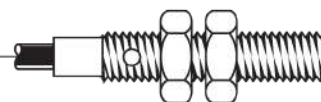
REAR VIEW

Sensitivity adjustment

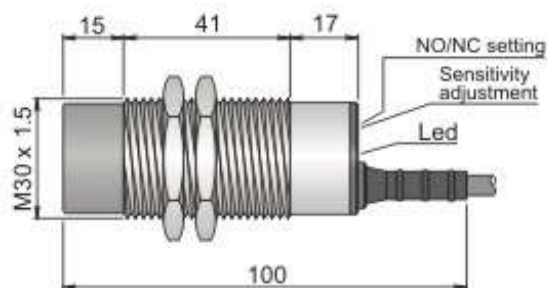
NO/NC setting

Output led

Cable / H plug



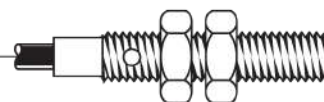
Part number: C30000146 - Model: SC30SM-AE25 NO/NC LC5



Dimension in mm

TECHNICAL CHARACTERISTICS

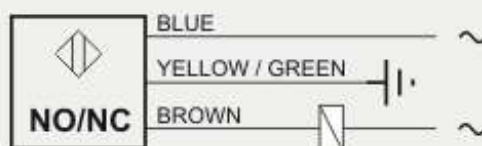
Working voltage:	20 ÷ 250 Vac
Output type:	AC
Function:	NO/NC programmable
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 25 (adjustable)
Hysteresis (%Sn):	< = 20
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 10
Max output current:	500 mA
Min output current:	10 mA (minimum current for release)
Max. peak current for 20msec:	1.5 A
Residual current:	< = 1 mA
Voltage drop:	< 6 V
Led indicator:	Yellow
Shielding:	Not embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 5 m
Cable type:	3x0.35 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	360 g



Part number: C30000146 - Model: SC30SM-AE25 NO/NC LC5

WIRING DIAGRAM

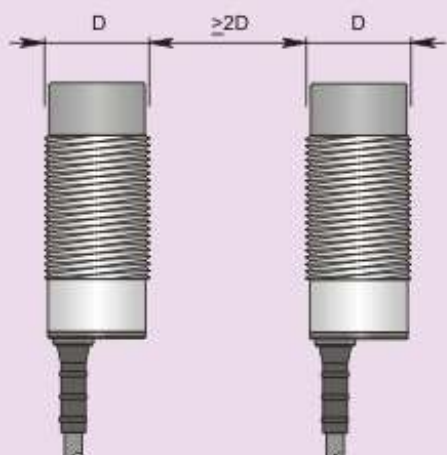
2 WIRES + GROUND CABLE (NO/NC Programmable)



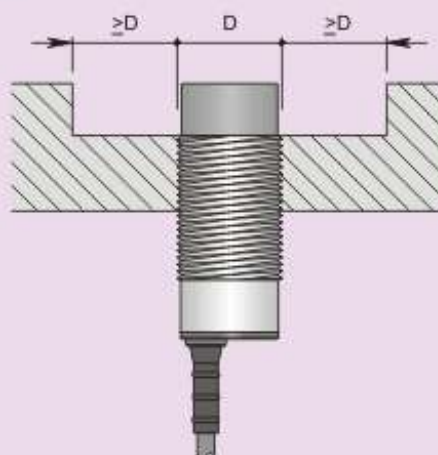
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

NOT EMBEDDABLE



Side by side mounting



Non flush mounting

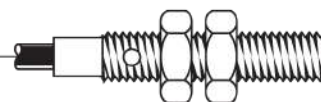
REAR VIEW

Sensitivity adjustment

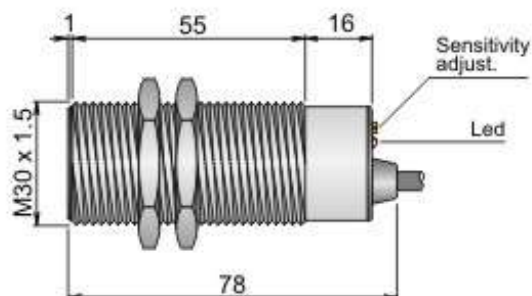
NO/NC setting

Output led

Cable / H plug



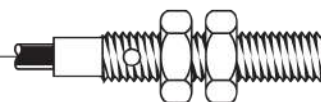
Part number: C30000040 - Model: SC30SM-C20 NPN NO+NC



Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 55 Vdc
Output type:	DC NPN
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 20 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 1
Max output current:	300 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 3 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	260 g



Part number: C30000040 - Model: SC30SM-C20 NPN NO+NC

WIRING DIAGRAM

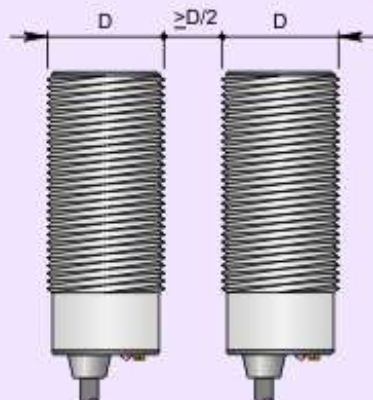
4 WIRES CABLE - LOGIC NPN NO+NC



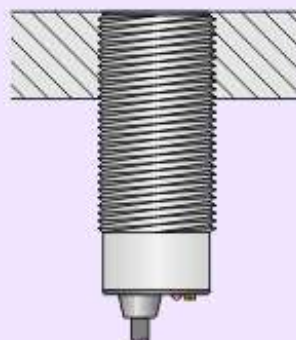
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

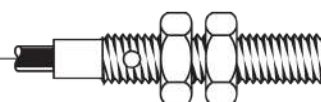
EMBEDDABLE



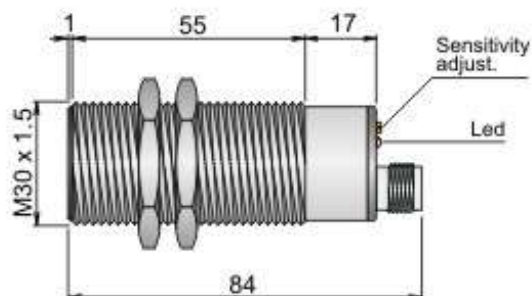
Side by side mounting



Flush mounting



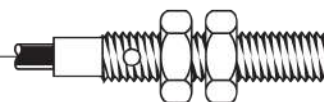
Part number: C30000021 - Model: SC30SM-C20 NPN NO+NC H



Dimension in mm

TECHNICAL CHARACTERISTICS

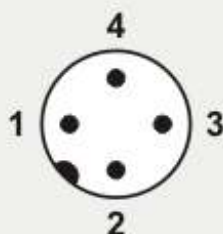
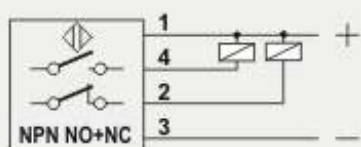
Working voltage:	10 ÷ 55 Vdc
Output type:	DC NPN
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 20 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 1
Max output current:	300 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	H plug
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	260 g



Part number: C30000021 - Model: SC30SM-C20 NPN NO+NC H

WIRING DIAGRAM

CONNECTION WITH H PLUG



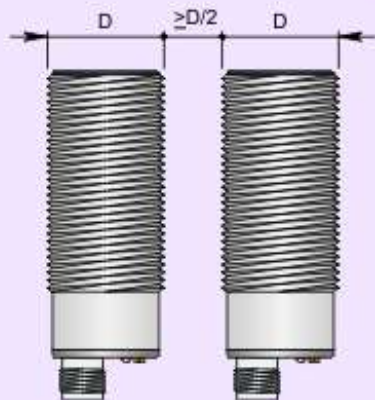
VIEW OF MALE CONNECTOR

- 1 = Brown / +
- 3 = Blue / -
- 4 = Black / output NO
- 2 = White / output NC

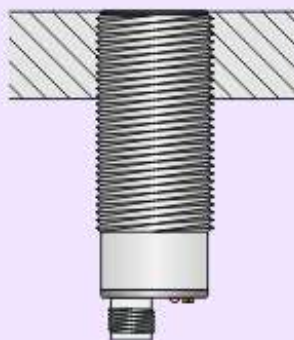
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

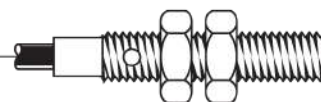
EMBEDDABLE



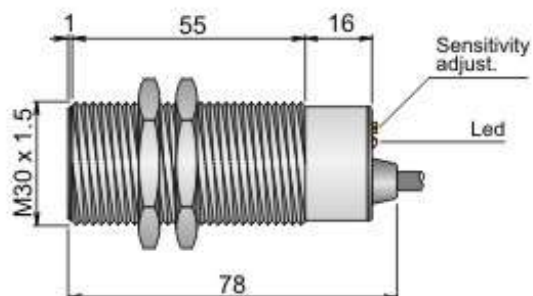
Side by side mounting



Flush mounting



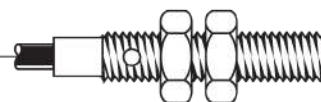
Part number: C30000044 - Model: SC30SM-C20 NPN NO+NC LC10



Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 55 Vdc
Output type:	DC NPN
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 20 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 1
Max output current:	300 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 10 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	500 g



Part number: C30000044 - Model: SC30SM-C20 NPN NO+NC LC10

WIRING DIAGRAM

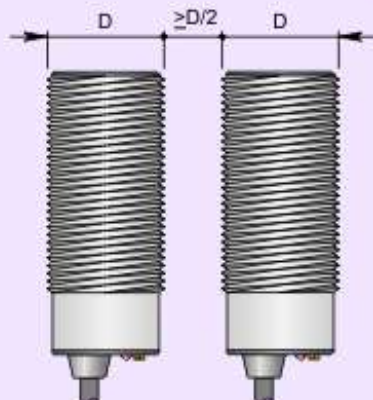
4 WIRES CABLE - LOGIC NPN NO+NC



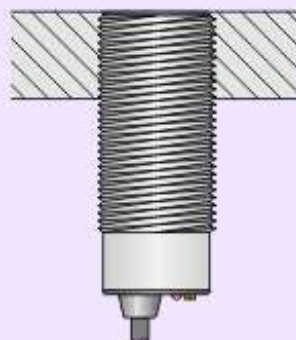
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

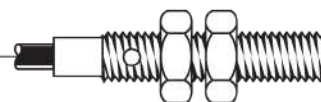
EMBEDDABLE



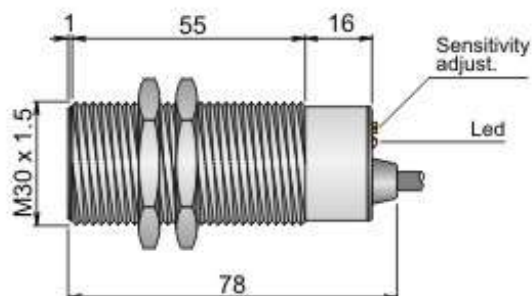
Side by side mounting



Flush mounting



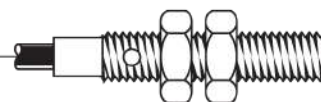
Part number: C30000042 - Model: SC30SM-C20 NPN NO+NC LC5



Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 55 Vdc
Output type:	DC NPN
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 20 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 1
Max output current:	300 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 5 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	350 g



Part number: C30000042 - Model: SC30SM-C20 NPN NO+NC LC5

WIRING DIAGRAM

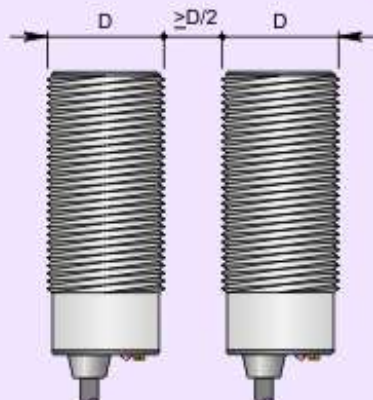
4 WIRES CABLE - LOGIC NPN NO+NC



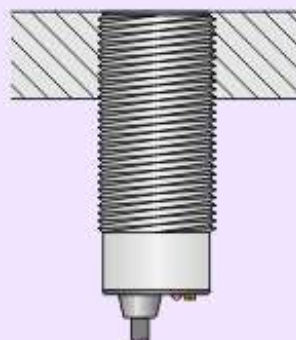
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

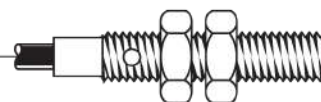
EMBEDDABLE



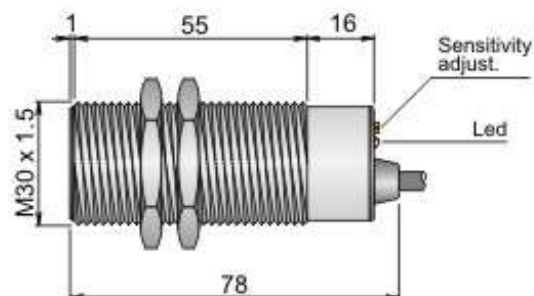
Side by side mounting



Flush mounting



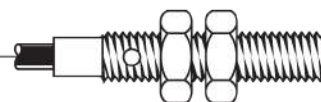
Part number: C30000035 - Model: SC30SM-C20 PNP NO+NC



Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 55 Vdc
Output type:	DC PNP
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 20 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 1
Max output current:	300 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 3 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	260 g



Part number: C30000035 - Model: SC30SM-C20 PNP NO+NC

WIRING DIAGRAM

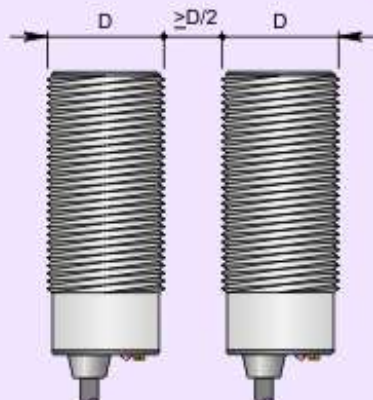
4 WIRES CABLE - LOGIC PNP NO+NC



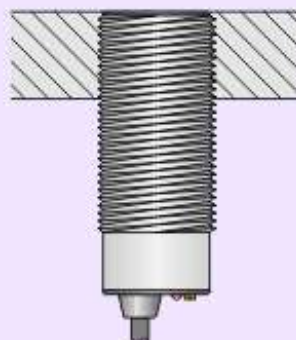
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

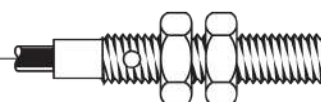
EMBEDDABLE



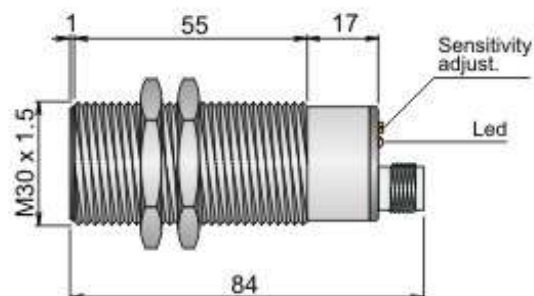
Side by side mounting



Flush mounting



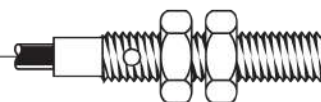
Part number: C30000019 - Model: SC30SM-C20 PNP NO+NC H



Dimension in mm

TECHNICAL CHARACTERISTICS

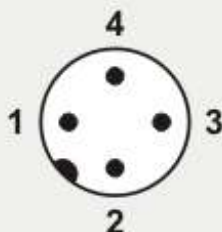
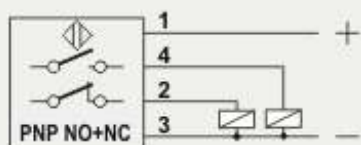
Working voltage:	10 ÷ 55 Vdc
Output type:	DC PNP
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 20 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 1
Max output current:	300 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	H plug
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	260 g



Part number: C30000019 - Model: SC30SM-C20 PNP NO+NC H

WIRING DIAGRAM

CONNECTION WITH H PLUG



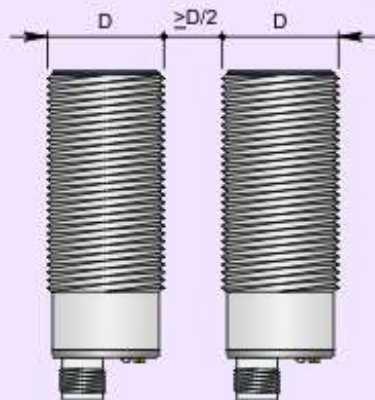
VIEW OF MALE CONNECTOR

- 1 = Brown / +
- 3 = Blue / -
- 4 = Black / output NO
- 2 = White / output NC

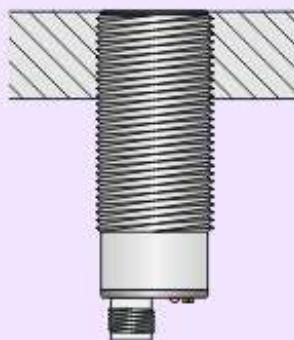
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

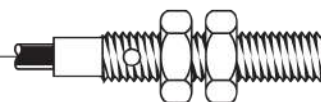
EMBEDDABLE



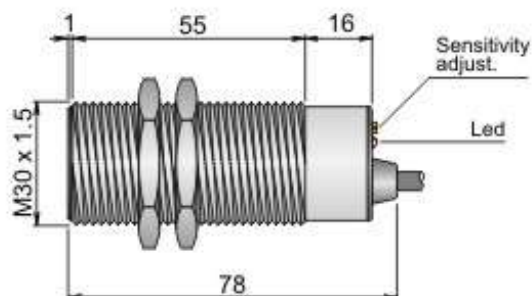
Side by side mounting



Flush mounting



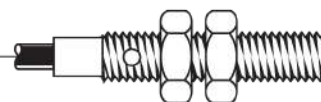
Part number: C30000039 - Model: SC30SM-C20 PNP NO+NC LC10



Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 55 Vdc
Output type:	DC PNP
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 20 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 1
Max output current:	300 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 10 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	500 g



Part number: C30000039 - Model: SC30SM-C20 PNP NO+NC LC10

WIRING DIAGRAM

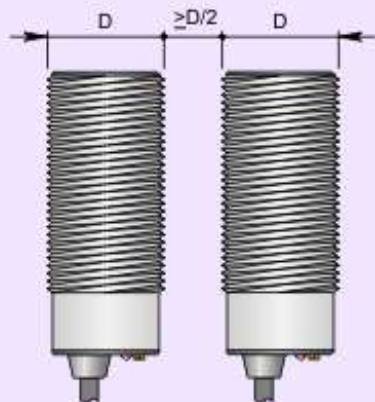
4 WIRES CABLE - LOGIC PNP NO+NC



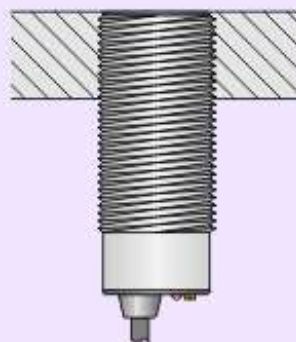
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

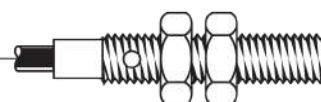
EMBEDDABLE



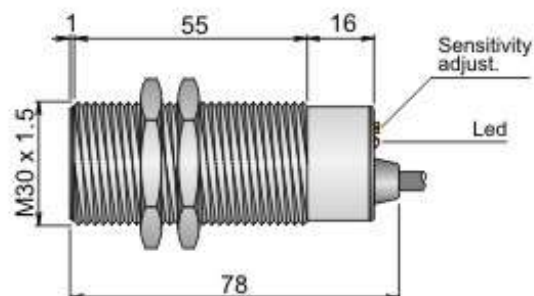
Side by side mounting



Flush mounting



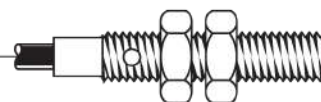
Part number: C30000037 - Model: SC30SM-C20 PNP NO+NC LC5



Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 55 Vdc
Output type:	DC PNP
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 20 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 1
Max output current:	300 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 5 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	350 g



Part number: C30000037 - Model: SC30SM-C20 PNP NO+NC LC5

WIRING DIAGRAM

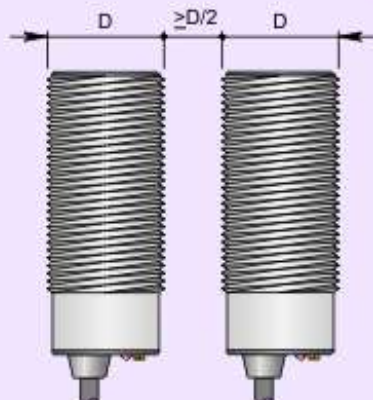
4 WIRES CABLE - LOGIC PNP NO+NC



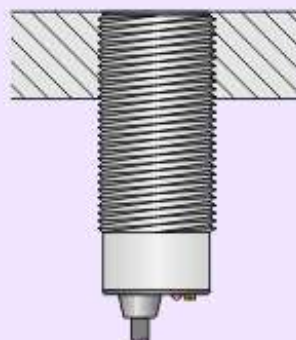
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

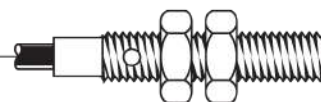
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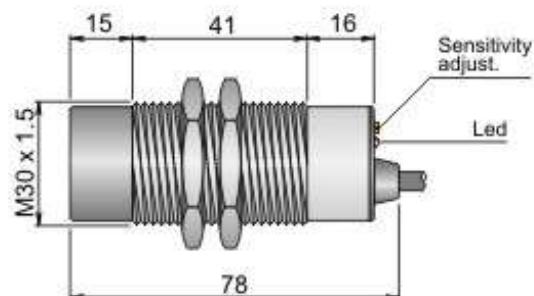
Side by side mounting



Flush mounting



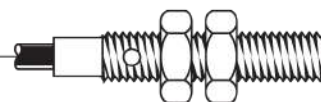
Part number: C30000060 - Model: SC30SM-CE25 NPN NO+NC



Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 55 Vdc
Output type:	DC NPN
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 25 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 1
Max output current:	300 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Not embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 3 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	270 g



Part number: C30000060 - Model: SC30SM-CE25 NPN NO+NC

WIRING DIAGRAM

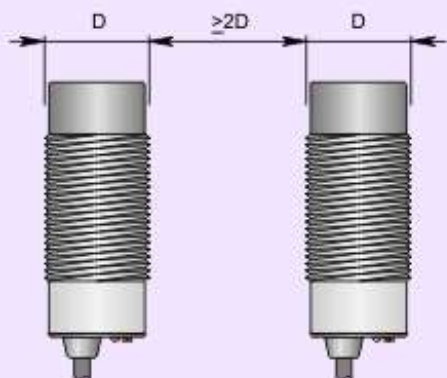
4 WIRES CABLE - LOGIC NPN NO+NC



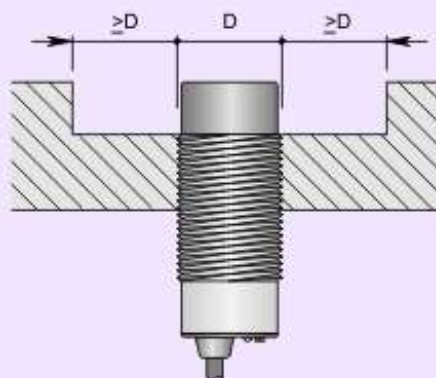
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

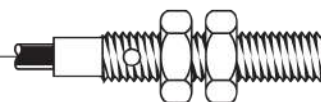
NOT EMBEDDABLE



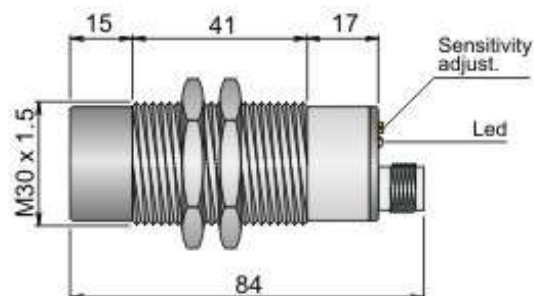
Side by side mounting



Non flush mounting



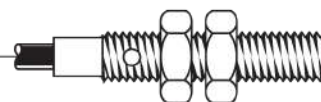
Part number: C30000025 - Model: SC30SM-CE25 NPN NO+NC H



Dimension in mm

TECHNICAL CHARACTERISTICS

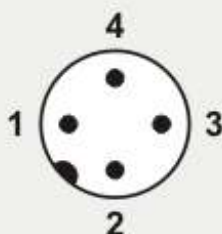
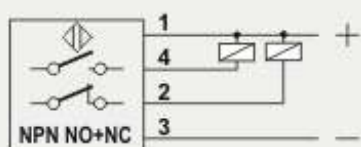
Working voltage:	10 ÷ 55 Vdc
Output type:	DC NPN
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 25 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 1
Max output current:	300 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Not embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	H plug
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	270 g



Part number: C30000025 - Model: SC30SM-CE25 NPN NO+NC H

WIRING DIAGRAM

CONNECTION WITH H PLUG



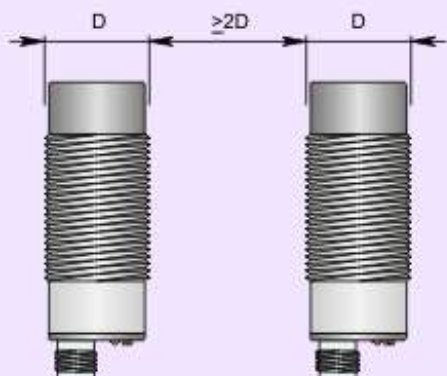
VIEW OF MALE CONNECTOR

1 = Brown / +
3 = Blue / -
4 = Black / output NO
2 = White / output NC

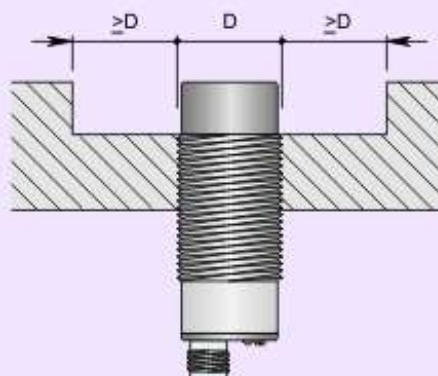
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

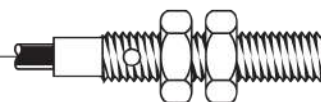
NOT EMBEDDABLE



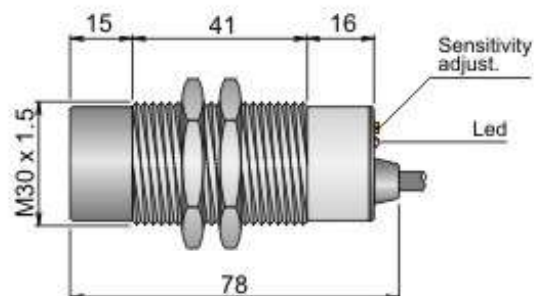
Side by side mounting



Non flush mounting



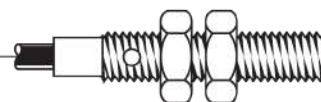
Part number: C30000064 - Model: SC30SM-CE25 NPN NO+NC LC10



Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 55 Vdc
Output type:	DC NPN
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 25 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 1
Max output current:	300 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Not embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 10 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	510 g



Part number: C30000064 - Model: SC30SM-CE25 NPN NO+NC LC10

WIRING DIAGRAM

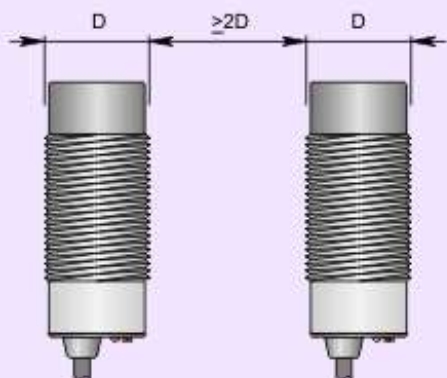
4 WIRES CABLE - LOGIC NPN NO+NC



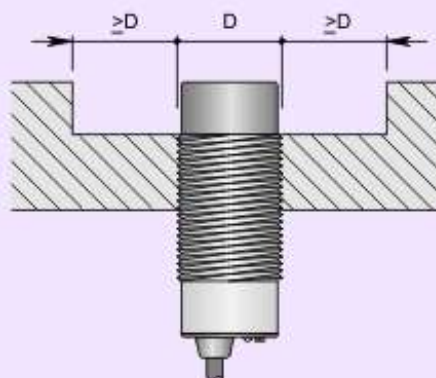
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

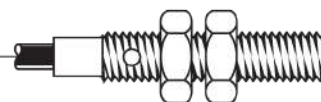
NOT EMBEDDABLE



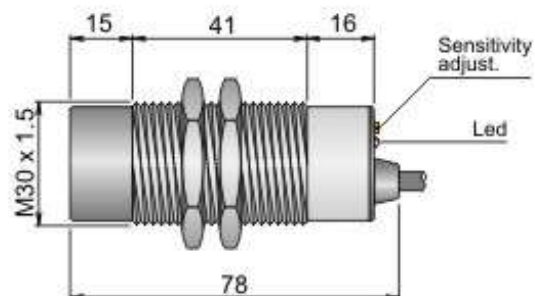
Side by side mounting



Non flush mounting



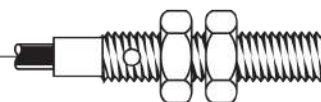
Part number: C30000062 - Model: SC30SM-CE25 NPN NO+NC LC5



Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 55 Vdc
Output type:	DC NPN
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 25 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 1
Max output current:	300 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Not embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 5 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	360 g



Part number: C30000062 - Model: SC30SM-CE25 NPN NO+NC LC5

WIRING DIAGRAM

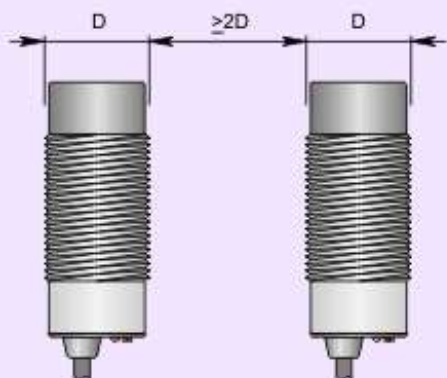
4 WIRES CABLE - LOGIC NPN NO+NC



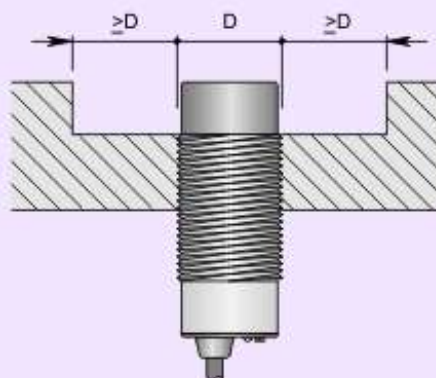
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

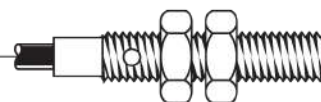
NOT EMBEDDABLE



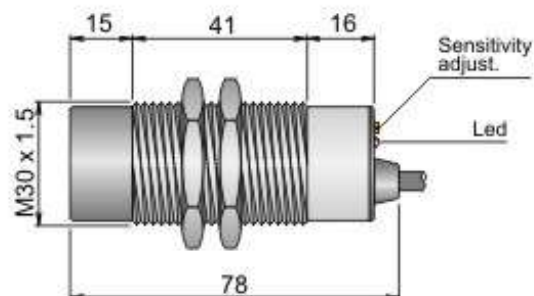
Side by side mounting



Non flush mounting



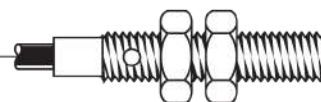
Part number: C30000055 - Model: SC30SM-CE25 PNP NO+NC



Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 55 Vdc
Output type:	DC PNP
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 25 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 1
Max output current:	300 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Not embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 3 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	270 g



Part number: C30000055 - Model: SC30SM-CE25 PNP NO+NC

WIRING DIAGRAM

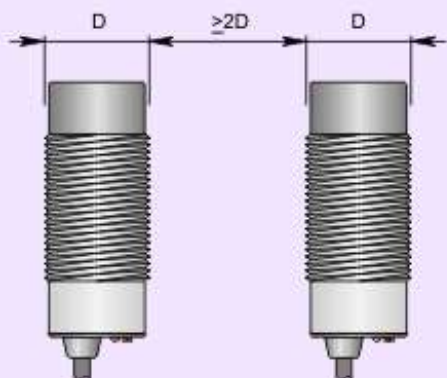
4 WIRES CABLE - LOGIC PNP NO+NC



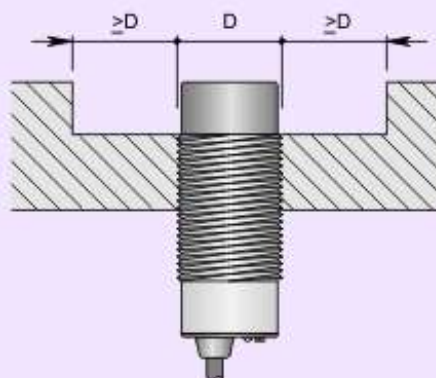
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

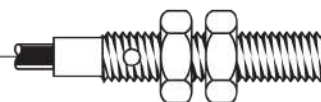
NOT EMBEDDABLE



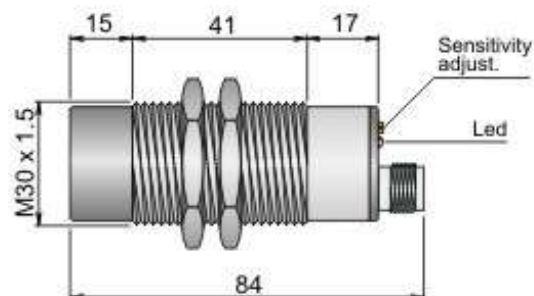
Side by side mounting



Non flush mounting



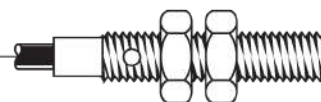
Part number: C30000023 - Model: SC30SM-CE25 PNP NO+NC H



Dimension in mm

TECHNICAL CHARACTERISTICS

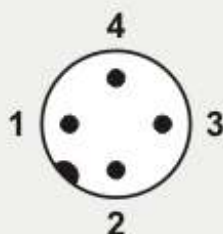
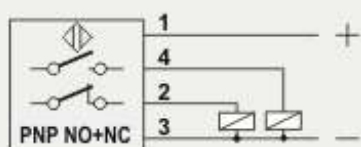
Working voltage:	10 ÷ 55 Vdc
Output type:	DC PNP
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 25 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 1
Max output current:	300 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Not embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	H plug
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	270 g



Part number: C30000023 - Model: SC30SM-CE25 PNP NO+NC H

WIRING DIAGRAM

CONNECTION WITH H PLUG



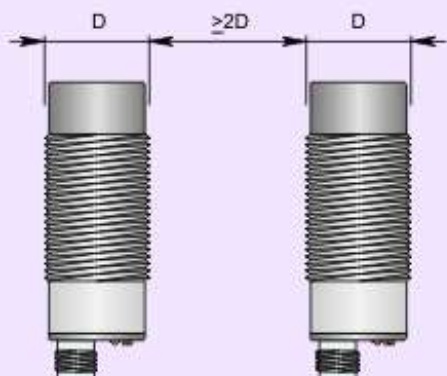
VIEW OF MALE CONNECTOR

- 1 = Brown / +
- 3 = Blue / -
- 4 = Black / output NO
- 2 = White / output NC

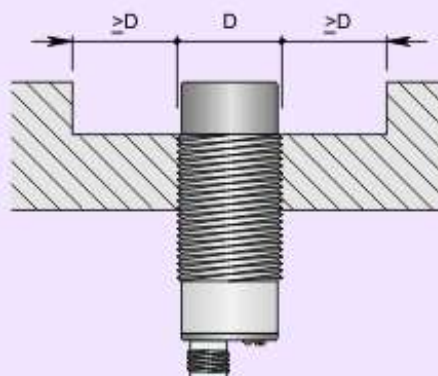
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

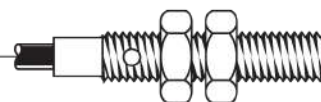
NOT EMBEDDABLE



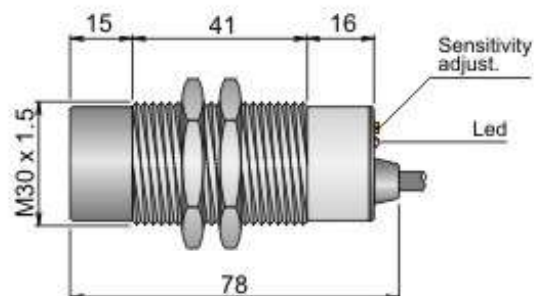
Side by side mounting



Non flush mounting



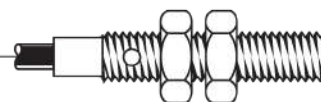
Part number: C30000059 - Model: SC30SM-CE25 PNP NO+NC LC10



Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 55 Vdc
Output type:	DC PNP
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 25 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 1
Max output current:	300 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Not embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 10 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	510 g



Part number: C30000059 - Model: SC30SM-CE25 PNP NO+NC LC10

WIRING DIAGRAM

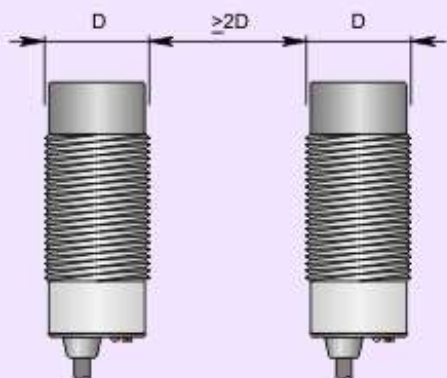
4 WIRES CABLE - LOGIC PNP NO+NC



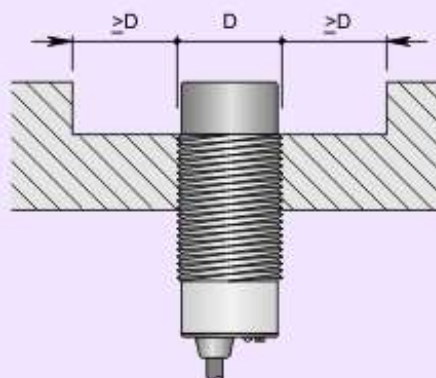
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

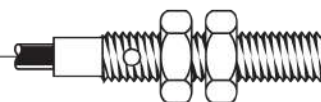
NOT EMBEDDABLE



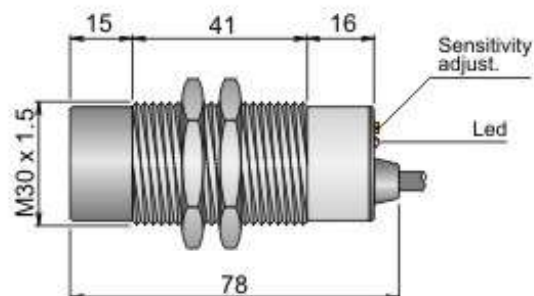
Side by side mounting



Non flush mounting



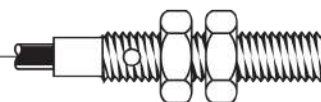
Part number: C30000057 - Model: SC30SM-CE25 PNP NO+NC LC5



Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 55 Vdc
Output type:	DC PNP
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 25 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 1
Max output current:	300 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Not embeddable
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 5 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	360 g



Part number: C30000057 - Model: SC30SM-CE25 PNP NO+NC LC5

WIRING DIAGRAM

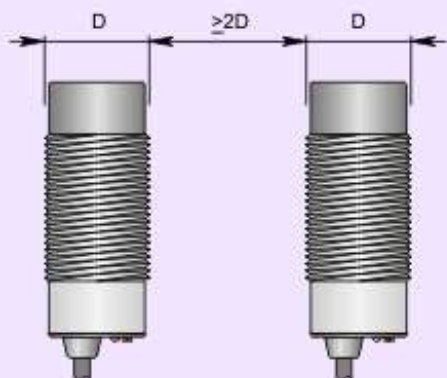
4 WIRES CABLE - LOGIC PNP NO+NC



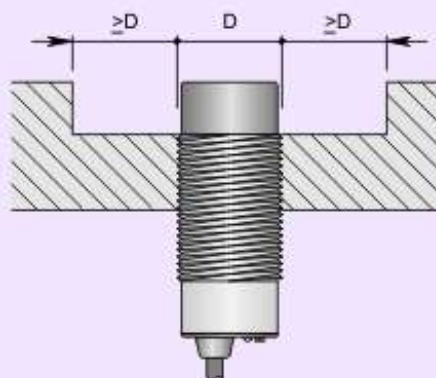
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

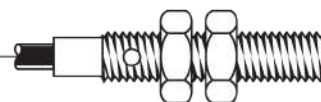
NOT EMBEDDABLE



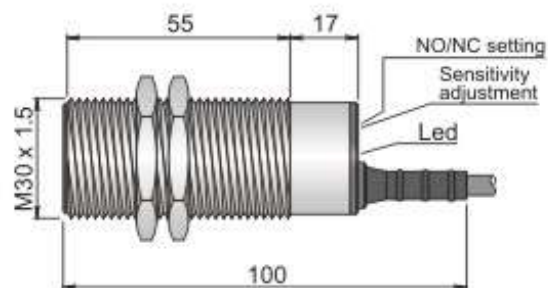
Side by side mounting



Non flush mounting



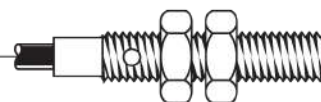
Part number: C30000141 - Model: SC30SM-A20 NO/NC



Dimension in mm

TECHNICAL CHARACTERISTICS

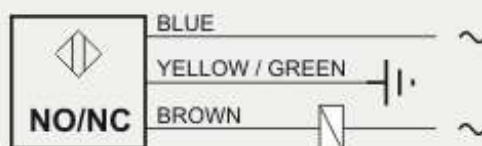
Working voltage:	20 ÷ 250 Vac
Output type:	AC
Function:	NO/NC programmable
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 20 (adjustable)
Hysteresis (%Sn):	< = 20
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 10
Max output current:	500 mA
Min output current:	10 mA (minimum current for release)
Max. peak current for 20msec:	1.5 A
Residual current:	< = 1 mA
Voltage drop:	< 6 V
Led indicator:	Yellow
Shielding:	Total
Mechanical characteristics:	M30x1.5
Housing material:	Nickelled brass
Connection type:	Cable 3 m
Cable type:	3x0.35 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	300 g



Part number: C30000141 - Model: SC30SM-A20 NO/NC

WIRING DIAGRAM

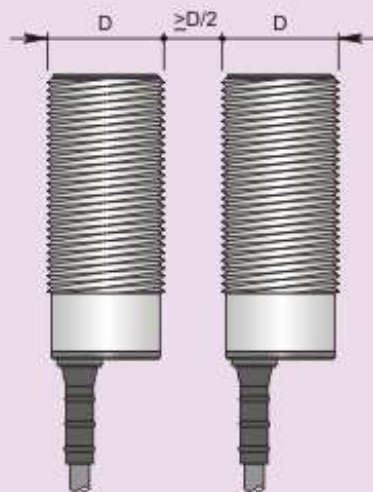
2 WIRES + GROUND CABLE (NO/NC Programmable)



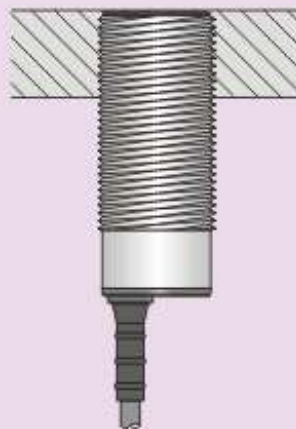
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

EMBEDDABLE



Side by side mounting



Flush mounting

REAR VIEW

Sensitivity adjustment

NO/NC setting

Output led

Cable / H plug

