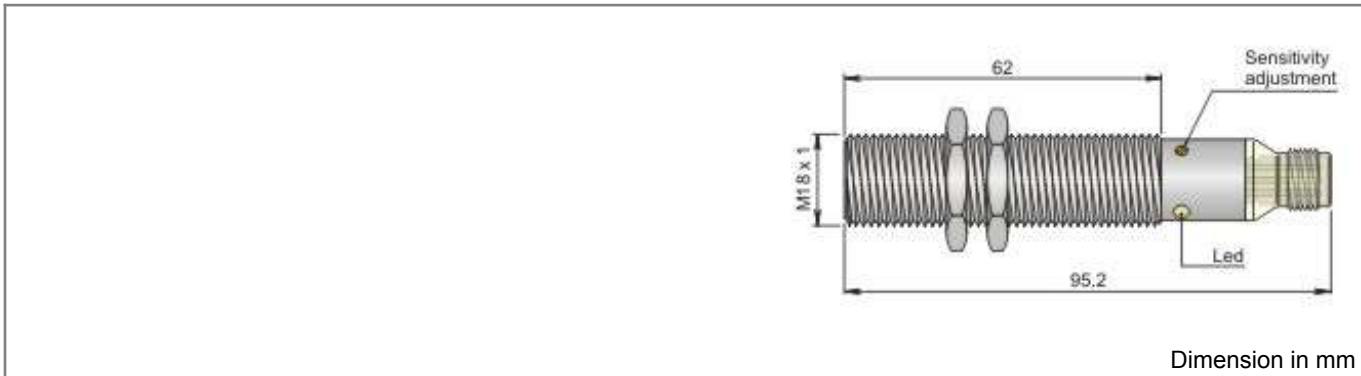
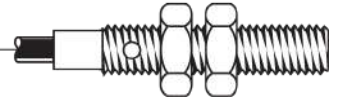


Part number: C1800073 - Model: SC18SM-C5 NPN NO+NC H



TECHNICAL CHARACTERISTICS

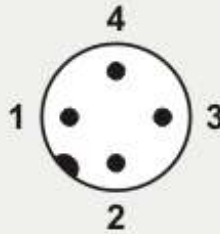
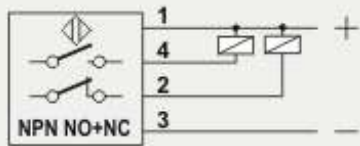
Working voltage:	10 ÷ 40 Vdc
Output type:	DC NPN
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 5 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 10
Max output current:	200 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Embeddable
Mechanical characteristics:	M18x1
Housing material:	Nickelled brass
Connection type:	H plug
Temperature limits:	-20 ÷ +70 °C
IP rating:	Depending on connector
Weight:	80 g



Part number: C18000073 - Model: SC18SM-C5 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

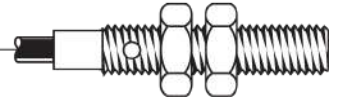
EMBEDDABLE



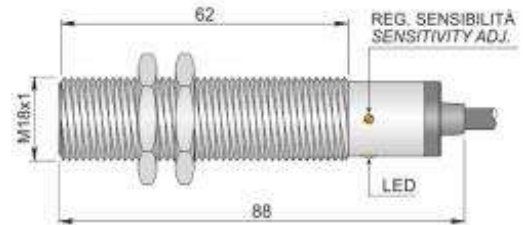
Side by side mounting



Flush mounting



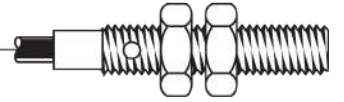
Part number: C18000057 - Model: SC18SM-C5 NPN NO+NC LC10



Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 40 Vdc
Output type:	DC NPN
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 5 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 10
Max output current:	200 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Embeddable
Mechanical characteristics:	M18x1
Housing material:	Nickelled brass
Connection type:	Cable 10 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	450 g



Part number: C18000057 - Model: SC18SM-C5 NPN NO+NC LC10

WIRING DIAGRAM

4 WIRES CABLE - LOGIC NPN NO+NC



INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

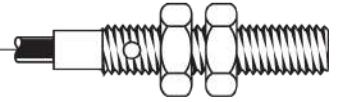
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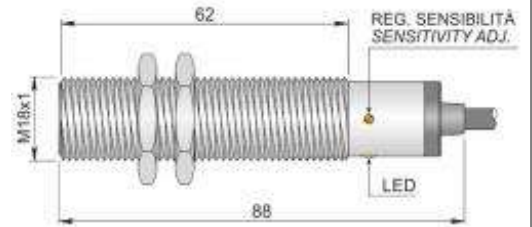
Side by side mounting



Flush mounting



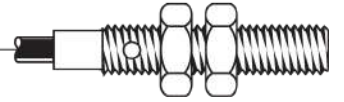
Part number: C18000056 - Model: SC18SM-C5 NPN NO+NC LC5



Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 40 Vdc
Output type:	DC NPN
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 5 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 10
Max output current:	200 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Embeddable
Mechanical characteristics:	M18x1
Housing material:	Nickelled brass
Connection type:	Cable 5 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	300 g



Part number: C18000056 - Model: SC18SM-C5 NPN NO+NC LC5

WIRING DIAGRAM

4 WIRES CABLE - LOGIC NPN NO+NC



INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

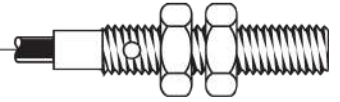
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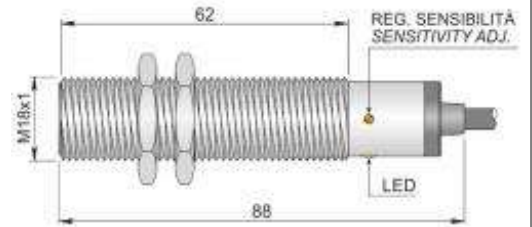
Side by side mounting



Flush mounting



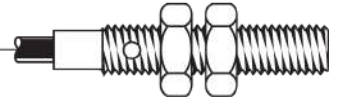
Part number: C1800052 - Model: SC18SM-C5 PNP NO+NC



Dimension in mm

TECHNICAL CHARACTERISTICS

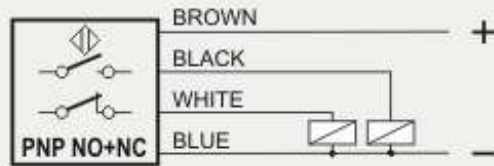
Working voltage:	10 ÷ 40 Vdc
Output type:	DC PNP
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 5 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 10
Max output current:	200 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Embeddable
Mechanical characteristics:	M18x1
Housing material:	Nickelled brass
Connection type:	Cable 3 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	140 g



Part number: C18000052 - Model: SC18SM-C5 PNP NO+NC

WIRING DIAGRAM

4 WIRES CABLE - LOGIC PNP NO+NC



INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

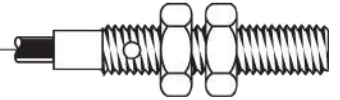
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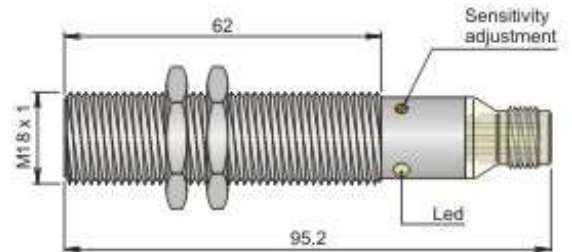
Side by side mounting



Flush mounting



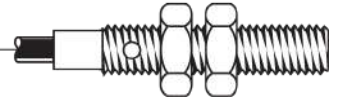
Part number: C1800071 - Model: SC18SM-C5 PNP NO+NC H



Dimension in mm

TECHNICAL CHARACTERISTICS

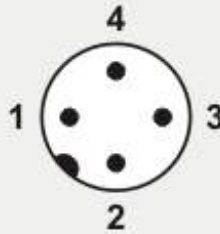
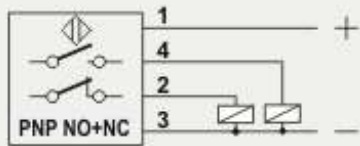
Working voltage:	10 ÷ 40 Vdc
Output type:	DC PNP
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 5 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 10
Max output current:	200 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Embeddable
Mechanical characteristics:	M18x1
Housing material:	Nickelled brass
Connection type:	H plug
Temperature limits:	-20 ÷ +70 °C
IP rating:	Depending on connector
Weight:	80 g



Part number: C1800071 - Model: SC18SM-C5 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

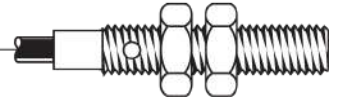
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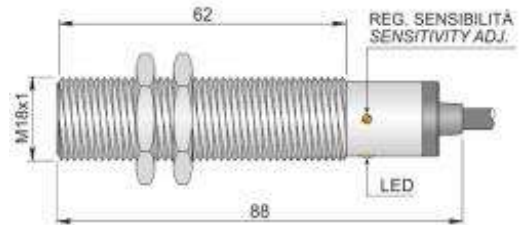
Side by side mounting



Flush mounting



Part number: C18000054 - Model: SC18SM-C5 PNP NO+NC LC10



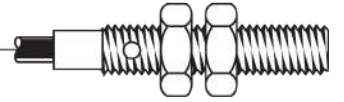
Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 40 Vdc
Output type:	DC PNP
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 5 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 10
Max output current:	200 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Embeddable
Mechanical characteristics:	M18x1
Housing material:	Nickelled brass
Connection type:	Cable 10 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	450 g



MORE THAN SENSORS



Part number: C18000054 - Model: SC18SM-C5 PNP NO+NC LC10

WIRING DIAGRAM

4 WIRES CABLE - LOGIC PNP NO+NC



INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

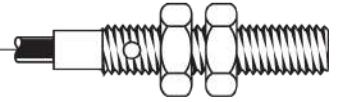
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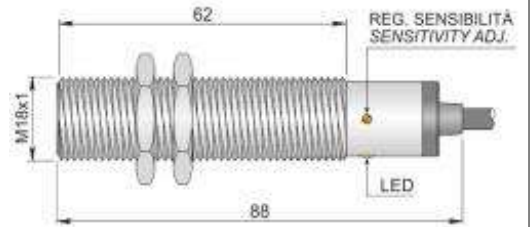
Side by side mounting



Flush mounting



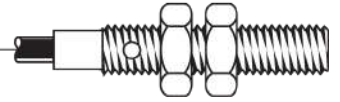
Part number: C1800053 - Model: SC18SM-C5 PNP NO+NC LC5



Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 40 Vdc
Output type:	DC PNP
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 5 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 10
Max output current:	200 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Embeddable
Mechanical characteristics:	M18x1
Housing material:	Nickelled brass
Connection type:	Cable 5 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	210 g



Part number: C18000053 - Model: SC18SM-C5 PNP NO+NC LC5

WIRING DIAGRAM

4 WIRES CABLE - LOGIC PNP NO+NC



INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

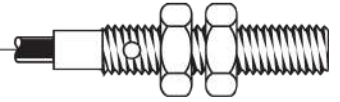
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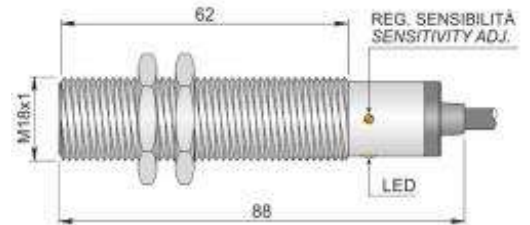
Side by side mounting



Flush mounting



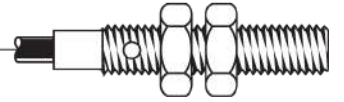
Part number: C1800055 - Model: SC18SM-C5 NPN NO+NC



Dimension in mm

TECHNICAL CHARACTERISTICS

Working voltage:	10 ÷ 40 Vdc
Output type:	DC NPN
Function:	NO+NC
Actuation type:	Instantaneous
Sensing distance (mm):	0 ÷ 5 (adjustable)
Hysteresis (%Sn):	Depends on the switching distance
Max switching frequency:	10 Hz
Repeatability (%Sn):	< 10
Max output current:	200 mA
Absorption:	< = 10 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
Led indicator:	Present
Shielding:	Embeddable
Mechanical characteristics:	M18x1
Housing material:	Nickelled brass
Connection type:	Cable 3 m
Cable type:	4x0.25 PVC
Temperature limits:	-20 ÷ +70 °C
IP rating:	IP 67
Weight:	140 g



Part number: C18000055 - Model: SC18SM-C5 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