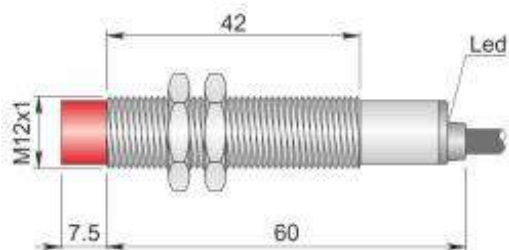


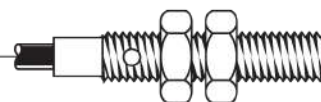
Part number: Y12000093 - Model: SI12-BE4 NC AD3 LC5



Dimension in mm

TECHNICAL CHARACTERISTICS

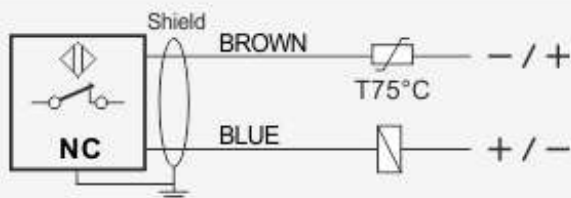
Power supply:	Direct current
Working voltage:	10 ÷ 55 Vdc
Switching distance (mm):	4
Function:	NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Min. output current:	1.5 mA
Residual current:	< 0.6 mA
Voltage drop:	< 6.5 V
Led indicator:	Present
Operating temperature range:	-25 ÷ +60 °C
Storage temperature range:	-25 ÷ +70 °C
Max. surface temperature:	+85 °C
Mechanical characteristics:	M12x1
Connection type:	Cable 5 m
Limiting device of surface temperature:	Intervention at 75 ° C non-resettable
IP rating:	IP67
Cable type:	2x0.35 PVC shielded
Weight:	100g
Explosive atmosphere type:	Air/Dust mixture
Equipment category:	3D
Installation area:	Zone 22
Protection method:	Protection by enclosure
Marking:	II 3D Ex tc IIIC T85°C Dc IP67 X -25< Ta
Conforming standard:	EN60079-0 e EN60079-31



Part number: Y12000093 - Model: SI12-BE4 NC AD3 LC5

WIRING DIAGRAM

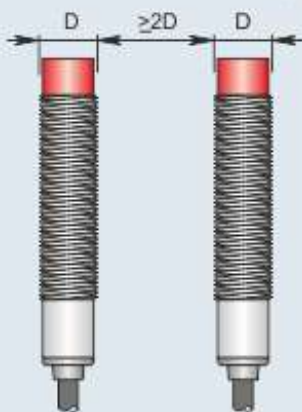
2 WIRES CABLE



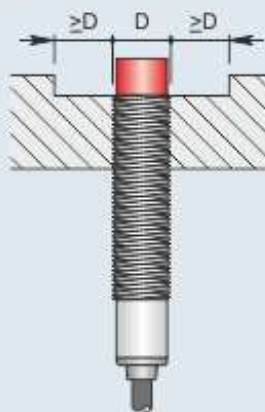
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

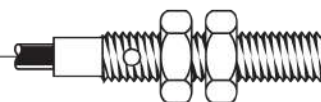
NOT EMBEDDABLE



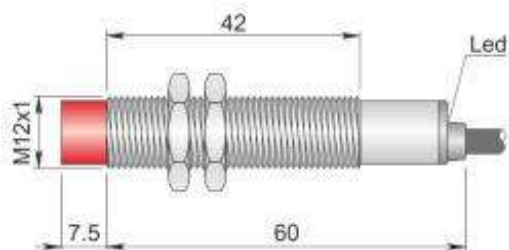
Side by side mounting



Non flush mounting



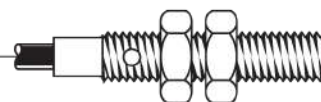
Part number: Y12000027 - Model: SI12-BE4 NO AD3



Dimension in mm

TECHNICAL CHARACTERISTICS

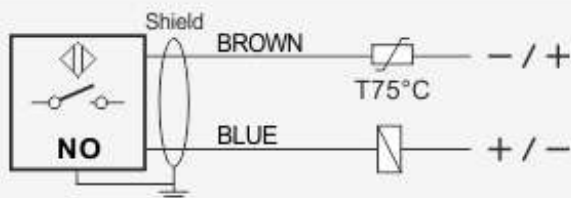
Power supply:	Direct current
Working voltage:	10 ÷ 55 Vdc
Switching distance (mm):	4
Function:	NO
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Min. output current:	1.5 mA
Residual current:	< 0.6 mA
Voltage drop:	< 6.5 V
Led indicator:	Present
Operating temperature range:	-25 ÷ +60 °C
Storage temperature range:	-25 ÷ +70 °C
Max. surface temperature:	+85 °C
Mechanical characteristics:	M12x1
Connection type:	Cable 3 m
Limiting device of surface temperature:	Intervention at 75 ° C non-resettable
IP rating:	IP67
Cable type:	2x0.35 PVC shielded
Weight:	100g
Explosive atmosphere type:	Air/Dust mixture
Equipment category:	3D
Installation area:	Zone 22
Protection method:	Protection by enclosure
Marking:	II 3D Ex tc IIIC T85°C Dc IP67 X -25< Ta
Conforming standard:	EN60079-0 e EN60079-31



Part number: Y12000027 - Model: SI12-BE4 NO AD3

WIRING DIAGRAM

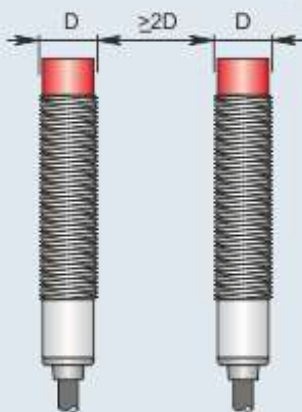
2 WIRES CABLE



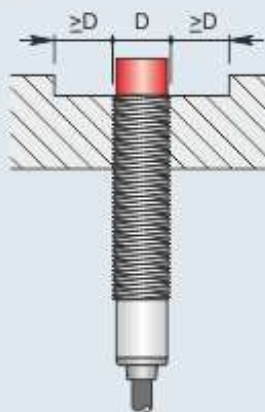
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

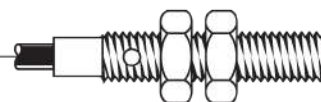
NOT EMBEDDABLE



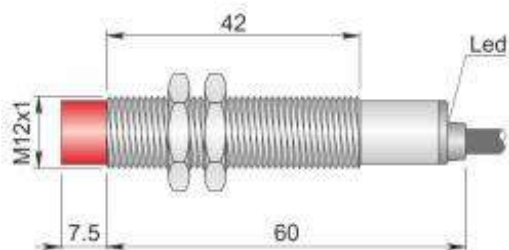
Side by side mounting



Non flush mounting



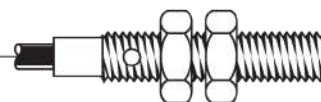
Part number: Y12000096 - Model: SI12-BE4 NO AD3 LC10



Dimension in mm

TECHNICAL CHARACTERISTICS

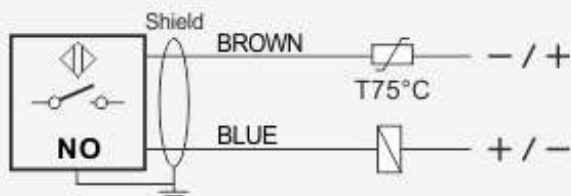
Power supply:	Direct current
Working voltage:	10 ÷ 55 Vdc
Switching distance (mm):	4
Function:	NO
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Min. output current:	1.5 mA
Residual current:	< 0.6 mA
Voltage drop:	< 6.5 V
Led indicator:	Present
Operating temperature range:	-25 ÷ +60 °C
Storage temperature range:	-25 ÷ +70 °C
Max. surface temperature:	+85 °C
Mechanical characteristics:	M12x1
Connection type:	Cable 10 m
Limiting device of surface temperature:	Intervention at 75 ° C non-resettable
IP rating:	IP67
Cable type:	2x0.35 PVC shielded
Weight:	100g
Explosive atmosphere type:	Air/Dust mixture
Equipment category:	3D
Installation area:	Zone 22
Protection method:	Protection by enclosure
Marking:	II 3D Ex tc IIIC T85°C Dc IP67 X -25< Ta
Conforming standard:	EN60079-0 e EN60079-31



Part number: Y12000096 - Model: SI12-BE4 NO AD3 LC10

WIRING DIAGRAM

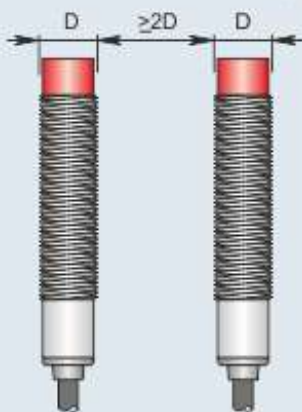
2 WIRES CABLE



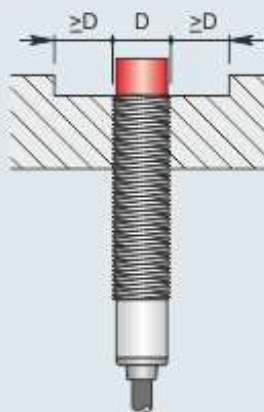
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

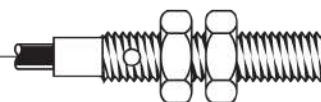
NOT EMBEDDABLE



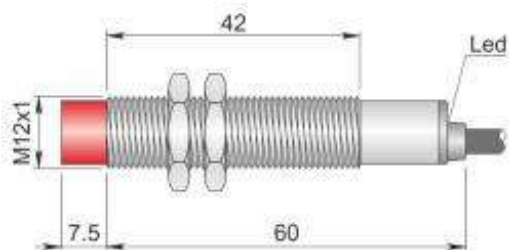
Side by side mounting



Non flush mounting



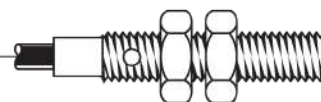
Part number: Y12000095 - Model: SI12-BE4 NO AD3 LC5



Dimension in mm

TECHNICAL CHARACTERISTICS

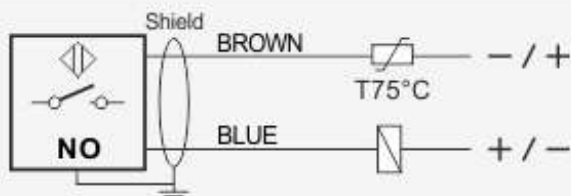
Power supply:	Direct current
Working voltage:	10 ÷ 55 Vdc
Switching distance (mm):	4
Function:	NO
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Min. output current:	1.5 mA
Residual current:	< 0.6 mA
Voltage drop:	< 6.5 V
Led indicator:	Present
Operating temperature range:	-25 ÷ +60 °C
Storage temperature range:	-25 ÷ +70 °C
Max. surface temperature:	+85 °C
Mechanical characteristics:	M12x1
Connection type:	Cable 5 m
Limiting device of surface temperature:	Intervention at 75 ° C non-resettable
IP rating:	IP67
Cable type:	2x0.35 PVC shielded
Weight:	100g
Explosive atmosphere type:	Air/Dust mixture
Equipment category:	3D
Installation area:	Zone 22
Protection method:	Protection by enclosure
Marking:	II 3D Ex tc IIIC T85°C Dc IP67 X -25< Ta
Conforming standard:	EN60079-0 e EN60079-31



Part number: Y12000095 - Model: SI12-BE4 NO AD3 LC5

WIRING DIAGRAM

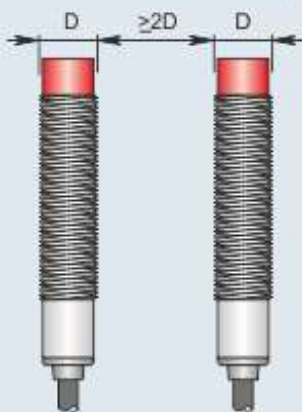
2 WIRES CABLE



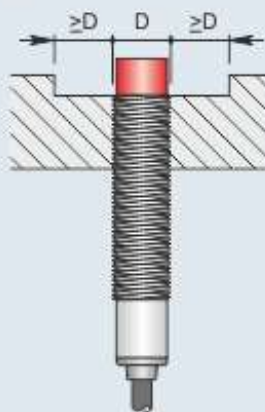
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

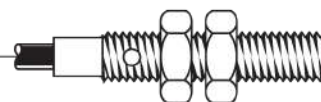
NOT EMBEDDABLE



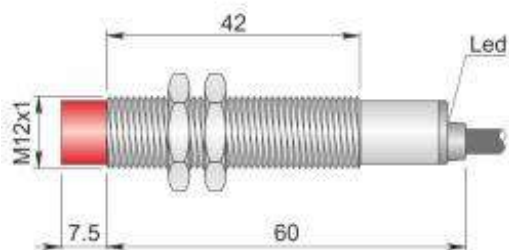
Side by side mounting



Non flush mounting



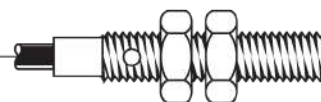
Part number: Y12000026 - Model: SI12-BE4 NC AD3



Dimension in mm

TECHNICAL CHARACTERISTICS

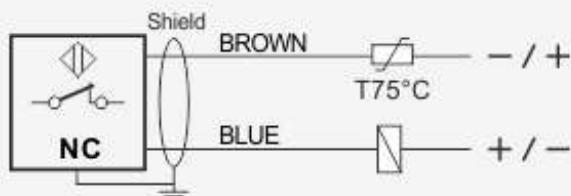
Power supply:	Direct current
Working voltage:	10 ÷ 55 Vdc
Switching distance (mm):	4
Function:	NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Min. output current:	1.5 mA
Residual current:	< 0.6 mA
Voltage drop:	< 6.5 V
Led indicator:	Present
Operating temperature range:	-25 ÷ +60 °C
Storage temperature range:	-25 ÷ +70 °C
Max. surface temperature:	+85 °C
Mechanical characteristics:	M12x1
Connection type:	Cable 3 m
Limiting device of surface temperature:	Intervention at 75 ° C non-resettable
IP rating:	IP67
Cable type:	2x0.35 PVC shielded
Weight:	100g
Explosive atmosphere type:	Air/Dust mixture
Equipment category:	3D
Installation area:	Zone 22
Protection method:	Protection by enclosure
Marking:	II 3D Ex tc IIIC T85°C Dc IP67 X -25< Ta
Conforming standard:	EN60079-0 e EN60079-31



Part number: Y12000026 - Model: SI12-BE4 NC AD3

WIRING DIAGRAM

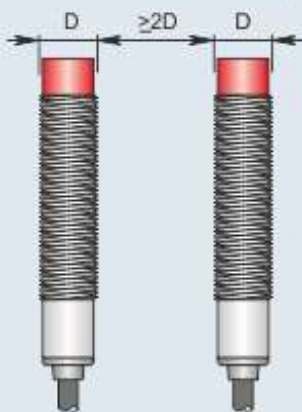
2 WIRES CABLE



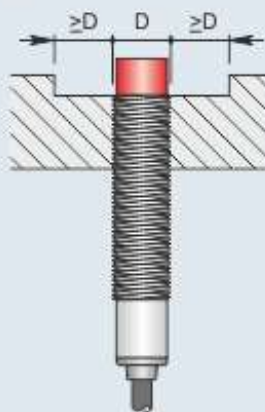
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

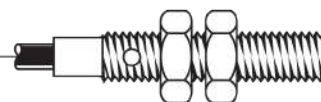
NOT EMBEDDABLE



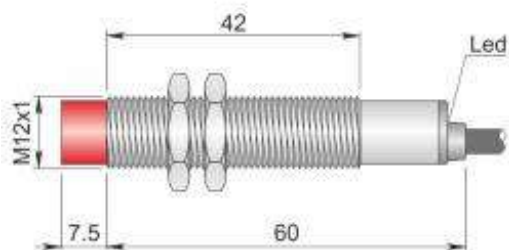
Side by side mounting



Non flush mounting



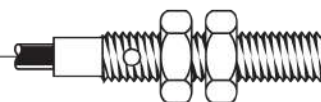
Part number: Y12000094 - Model: SI12-BE4 NC AD3 LC10



Dimension in mm

TECHNICAL CHARACTERISTICS

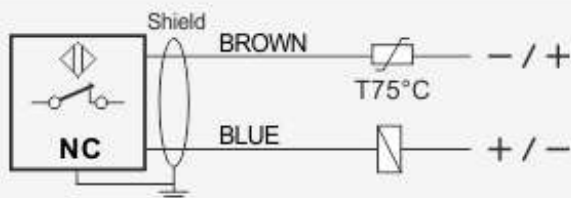
Power supply:	Direct current
Working voltage:	10 ÷ 55 Vdc
Switching distance (mm):	4
Function:	NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Min. output current:	1.5 mA
Residual current:	< 0.6 mA
Voltage drop:	< 6.5 V
Led indicator:	Present
Operating temperature range:	-25 ÷ +60 °C
Storage temperature range:	-25 ÷ +70 °C
Max. surface temperature:	+85 °C
Mechanical characteristics:	M12x1
Connection type:	Cable 10 m
Limiting device of surface temperature:	Intervention at 75 ° C non-resettable
IP rating:	IP67
Cable type:	2x0.35 PVC shielded
Weight:	100g
Explosive atmosphere type:	Air/Dust mixture
Equipment category:	3D
Installation area:	Zone 22
Protection method:	Protection by enclosure
Marking:	II 3D Ex tc IIIC T85°C Dc IP67 X -25< Ta
Conforming standard:	EN60079-0 e EN60079-31



Part number: Y12000094 - Model: SI12-BE4 NC AD3 LC10

WIRING DIAGRAM

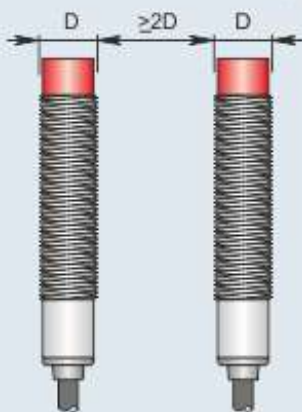
2 WIRES CABLE



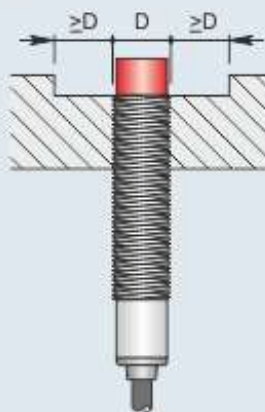
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

NOT EMBEDDABLE



Side by side mounting



Non flush mounting