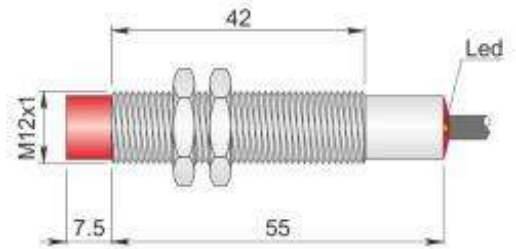


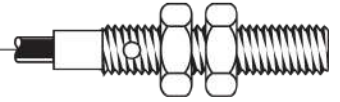
Part number: Y12000066 - Model: SI12-CE4 NPN NC AD3 LC5



Dimension in mm

TECHNICAL CHARACTERISTICS

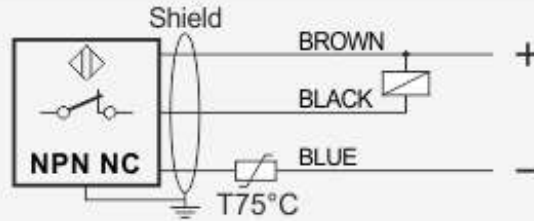
Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	NPN
Function:	NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	3x0.35 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: Y12000066 - Model: SI12-CE4 NPN NC AD3 LC5

WIRING DIAGRAM

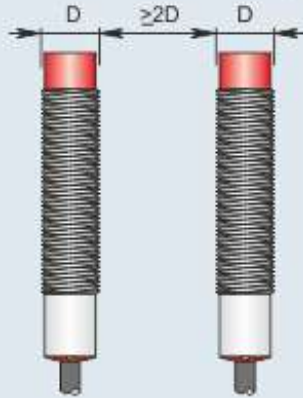
3 WIRES CABLE - LOGIC NPN NC



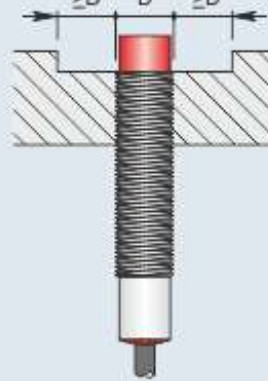
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

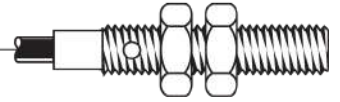
NOT EMBEDDABLE



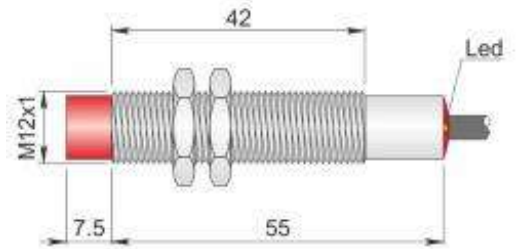
Side by side mounting



Non flush mounting



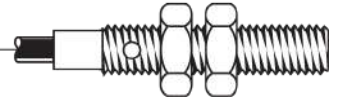
Part number: Y12000034 - Model: SI12-CE4 NPN NO AD3



Dimension in mm

TECHNICAL CHARACTERISTICS

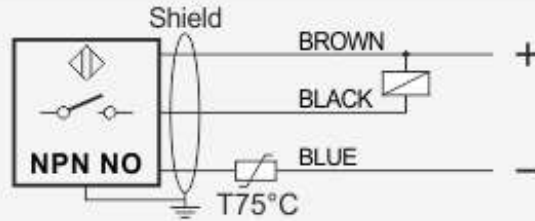
Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	NPN
Function:	NO
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	3x0.35 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: Y12000034 - Model: SI12-CE4 NPN NO AD3

WIRING DIAGRAM

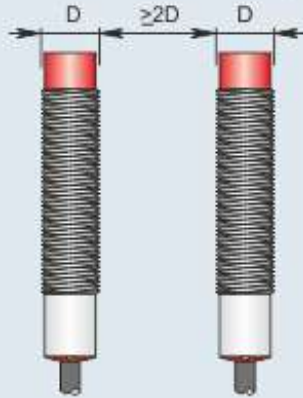
3 WIRES CABLE - LOGIC NPN NO



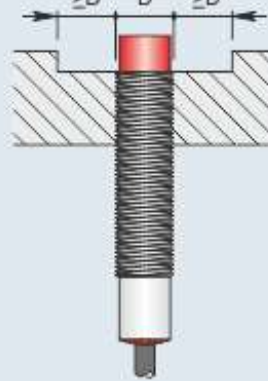
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

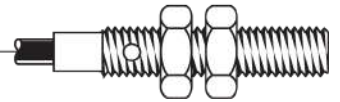
NOT EMBEDDABLE



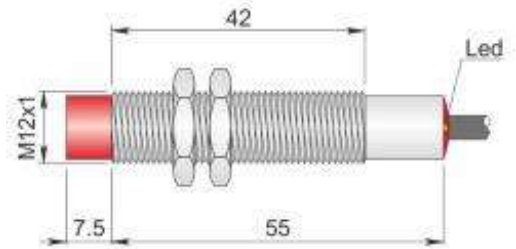
Side by side mounting



Non flush mounting



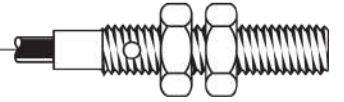
Part number: Y12000065 - Model: SI12-CE4 NPN NO AD3 LC10



Dimension in mm

TECHNICAL CHARACTERISTICS

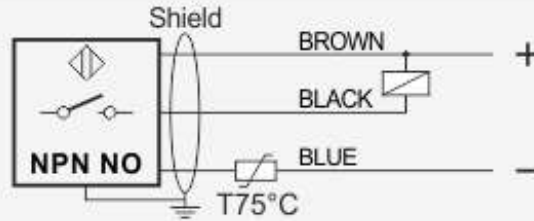
Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	NPN
Function:	NO
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	3x0.35 PVC shielded
Weighth:	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: Y12000065 - Model: SI12-CE4 NPN NO AD3 LC10

WIRING DIAGRAM

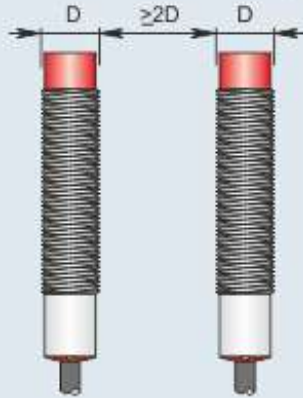
3 WIRES CABLE - LOGIC NPN NO



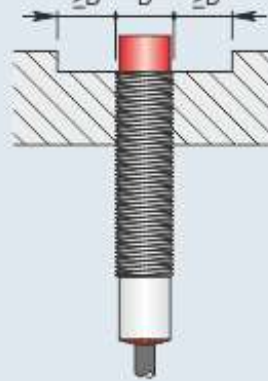
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

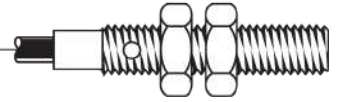
NOT EMBEDDABLE



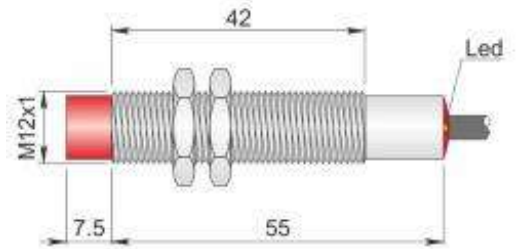
Side by side mounting



Non flush mounting



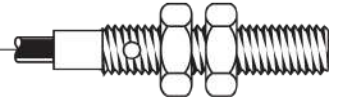
Part number: Y12000064 - Model: SI12-CE4 NPN NO AD3 LC5



Dimension in mm

TECHNICAL CHARACTERISTICS

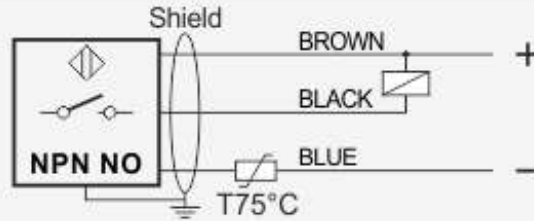
Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	NPN
Function:	NO
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	3x0.35 PVC shielded
Weighth:	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: Y12000064 - Model: SI12-CE4 NPN NO AD3 LC5

WIRING DIAGRAM

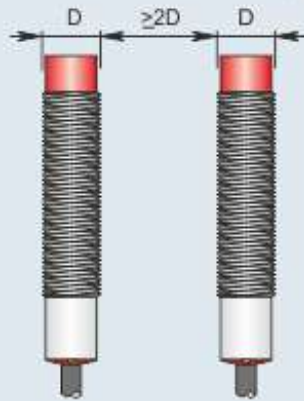
3 WIRES CABLE - LOGIC NPN NO



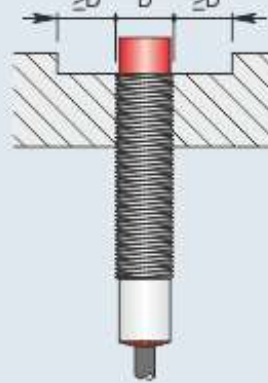
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

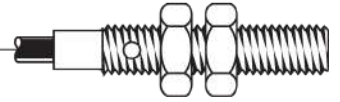
NOT EMBEDDABLE



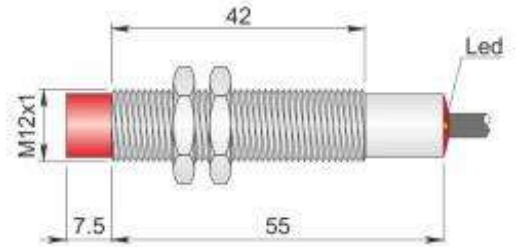
Side by side mounting



Non flush mounting



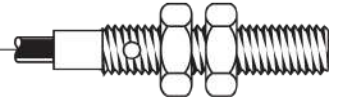
Part number: Y12000035 - Model: SI12-CE4 NPN NO+NC AD3



Dimension in mm

TECHNICAL CHARACTERISTICS

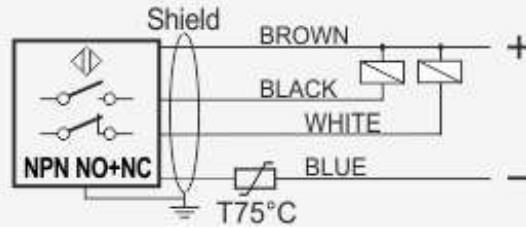
Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	NPN
Function:	NO+NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	4x0.25 PVC shielded
Weighth:	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: Y12000035 - Model: SI12-CE4 NPN NO+NC AD3

WIRING DIAGRAM

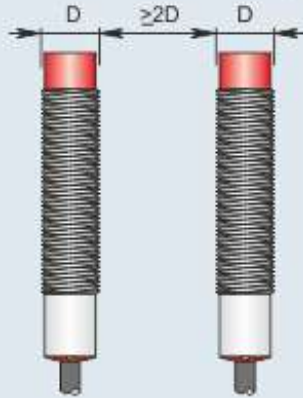
4 WIRES CABLE - LOGIC NPN NO+NC



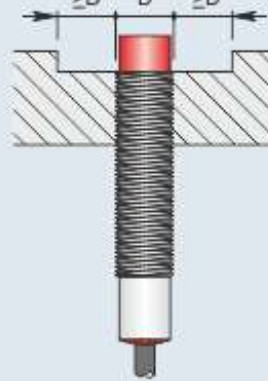
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

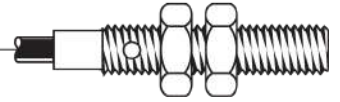
NOT EMBEDDABLE



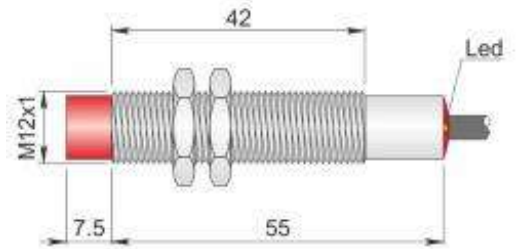
Side by side mounting



Non flush mounting



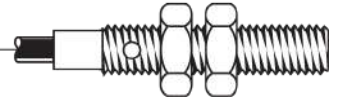
Part number: Y12000071 - Model: SI12-CE4 NPN NO+NC AD3 LC10



Dimension in mm

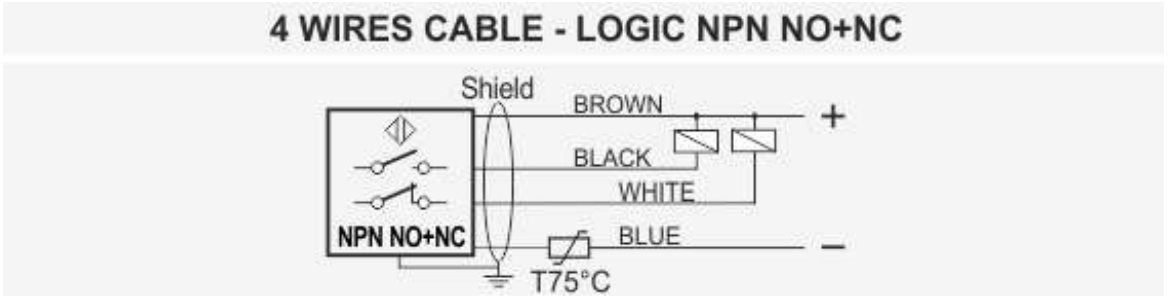
TECHNICAL CHARACTERISTICS

Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	NPN
Function:	NO+NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	4x0.25 PVC shielded
Weighth:	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

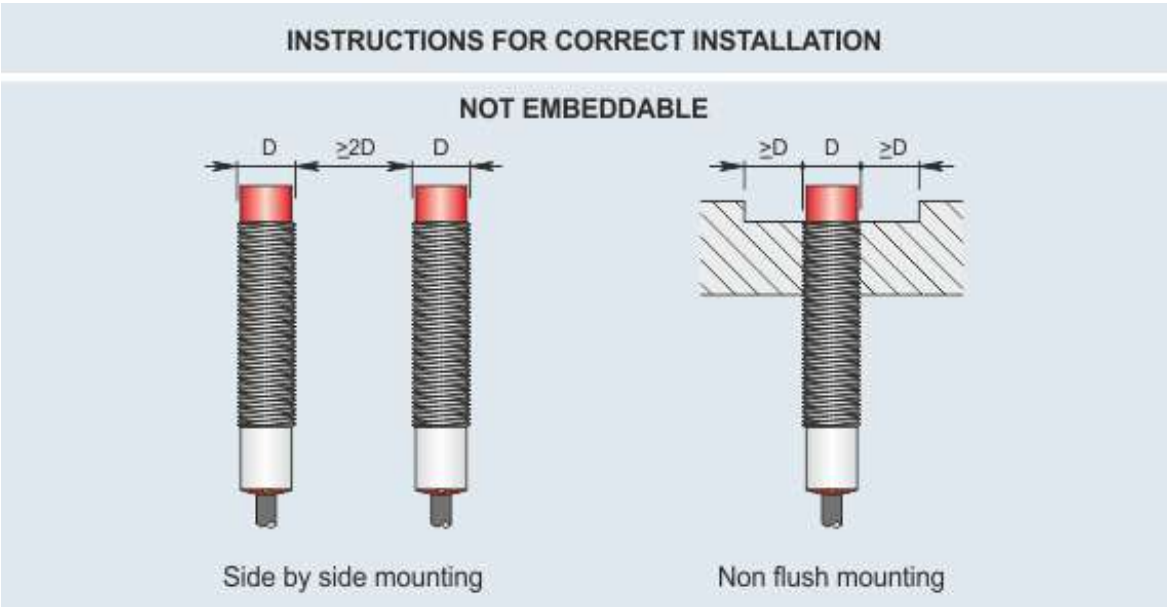


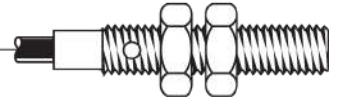
Part number: Y12000071 - Model: SI12-CE4 NPN NO+NC AD3 LC10

WIRING DIAGRAM

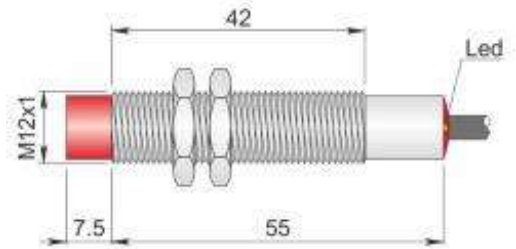


INSTRUCTIONS FOR CORRECT INSTALLATION





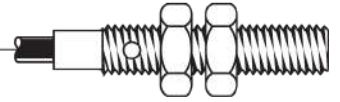
Part number: Y12000070 - Model: SI12-CE4 NPN NO+NC AD3 LC5



Dimension in mm

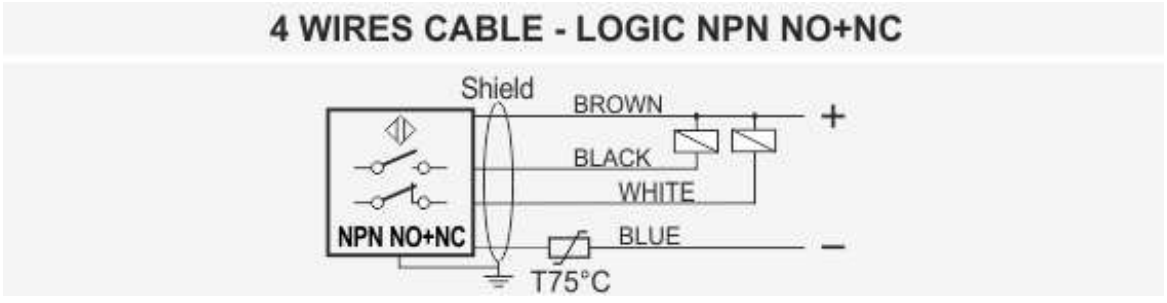
TECHNICAL CHARACTERISTICS

Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	NPN
Function:	NO+NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	4x0.25 PVC shielded
Weighth:	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

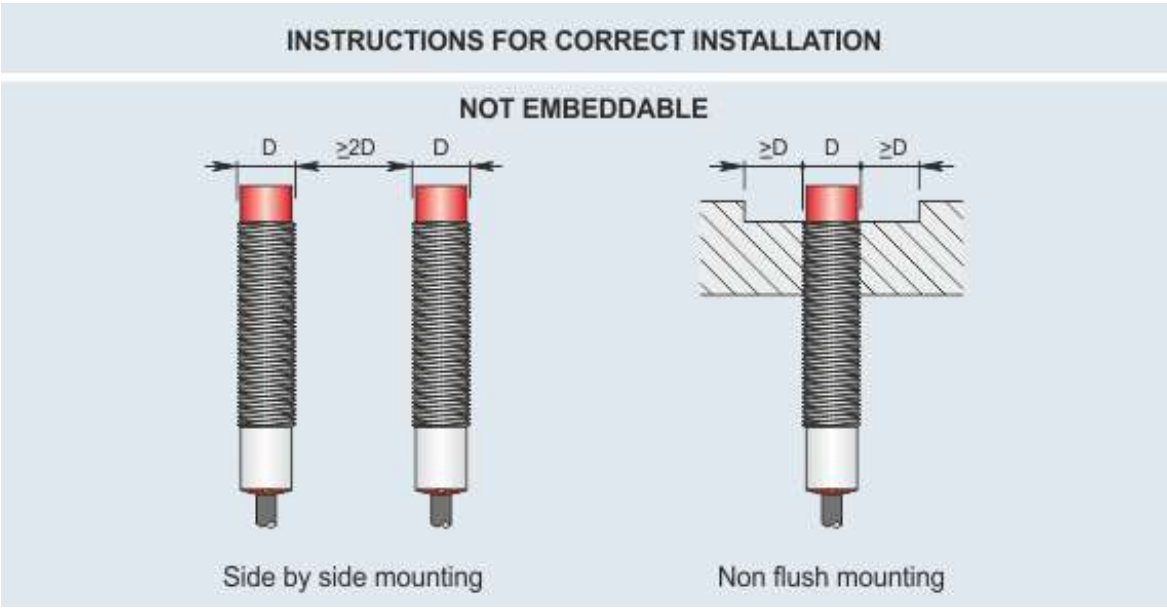


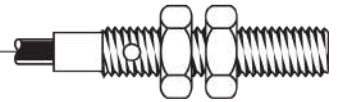
Part number: Y12000070 - Model: SI12-CE4 NPN NO+NC AD3 LC5

WIRING DIAGRAM

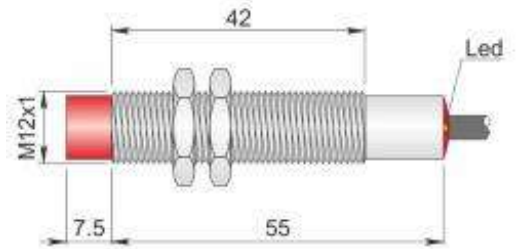


INSTRUCTIONS FOR CORRECT INSTALLATION





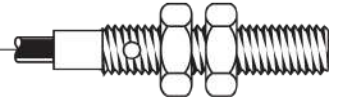
Part number: Y12000036 - Model: SI12-CE4 PNP NC AD3



Dimension in mm

TECHNICAL CHARACTERISTICS

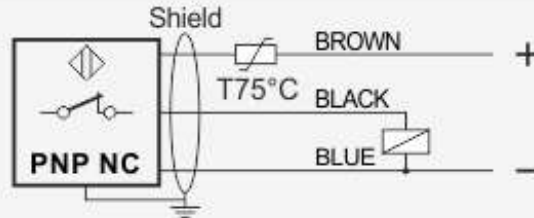
Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	PNP
Function:	NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	3x0.35 PVC shielded
Weighth:	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: Y12000036 - Model: SI12-CE4 PNP NC AD3

WIRING DIAGRAM

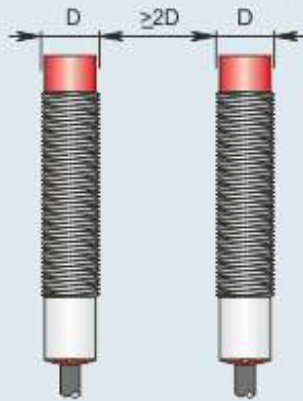
3 WIRES CABLE - LOGIC PNP NC



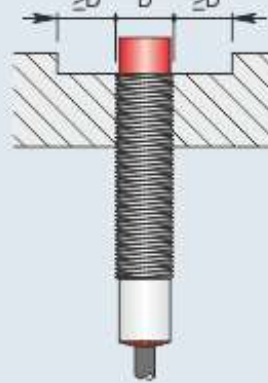
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

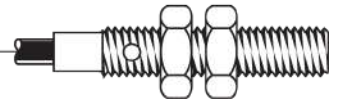
NOT EMBEDDABLE



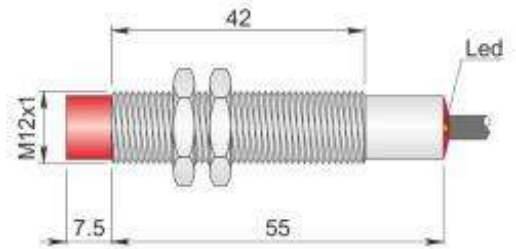
Side by side mounting



Non flush mounting



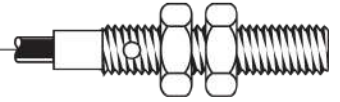
Part number: Y12000062 - Model: SI12-CE4 PNP NC AD3 LC10



Dimension in mm

TECHNICAL CHARACTERISTICS

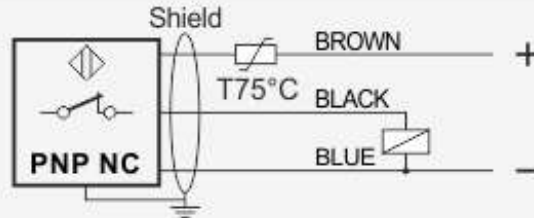
Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	PNP
Function:	NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	3x0.35 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: Y12000062 - Model: SI12-CE4 PNP NC AD3 LC10

WIRING DIAGRAM

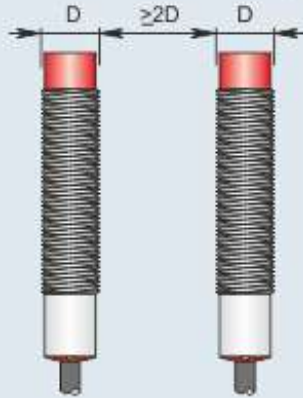
3 WIRES CABLE - LOGIC PNP NC



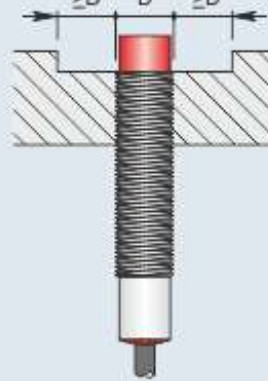
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

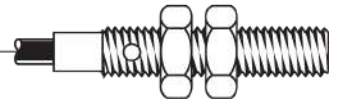
NOT EMBEDDABLE



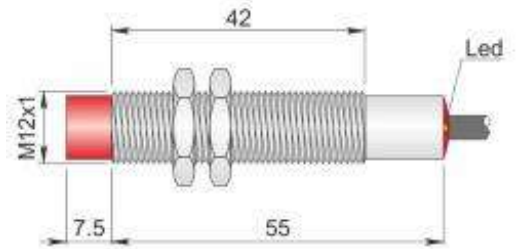
Side by side mounting



Non flush mounting



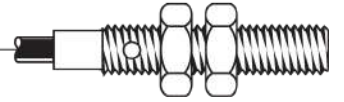
Part number: Y12000016 - Model: SI12-CE4 PNP NC AD3 LC5



Dimension in mm

TECHNICAL CHARACTERISTICS

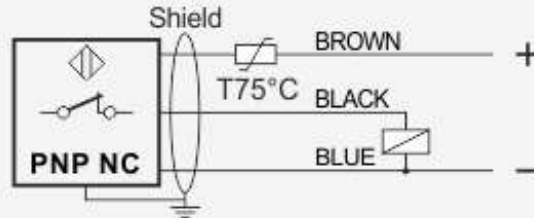
Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	PNP
Function:	NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	3x0.35 PVC shielded
Weighth:	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: Y12000016 - Model: SI12-CE4 PNP NC AD3 LC5

WIRING DIAGRAM

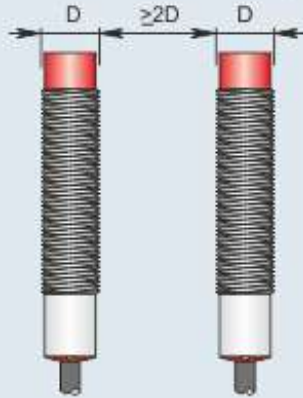
3 WIRES CABLE - LOGIC PNP NC



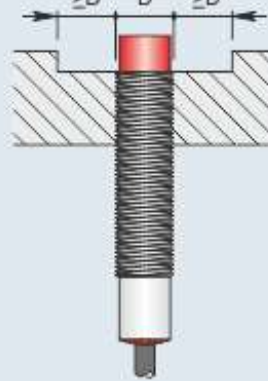
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

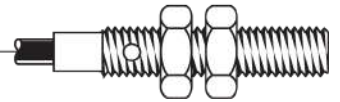
NOT EMBEDDABLE



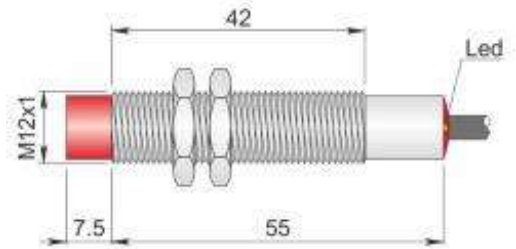
Side by side mounting



Non flush mounting



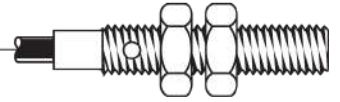
Part number: Y12000015 - Model: SI12-CE4 PNP NO AD3



Dimension in mm

TECHNICAL CHARACTERISTICS

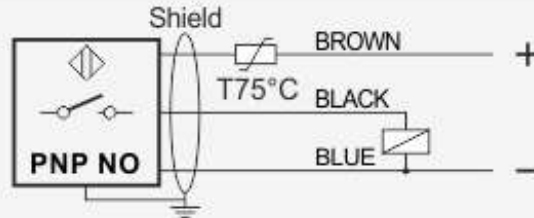
Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	PNP
Function:	NO
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	3x0.35 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: Y12000015 - Model: SI12-CE4 PNP NO AD3

WIRING DIAGRAM

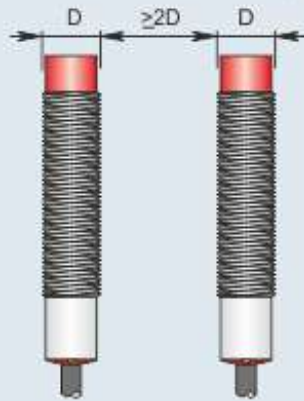
3 WIRES CABLE - LOGIC PNP NO



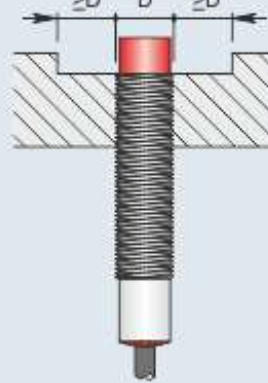
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

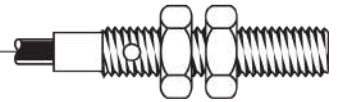
NOT EMBEDDABLE



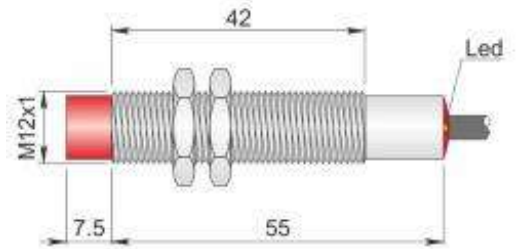
Side by side mounting



Non flush mounting



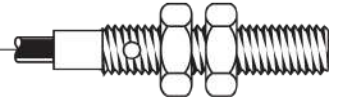
Part number: Y12000063 - Model: SI12-CE4 PNP NO AD3 LC10



Dimension in mm

TECHNICAL CHARACTERISTICS

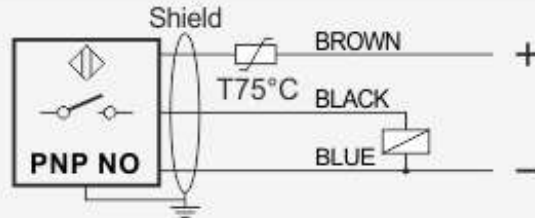
Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	PNP
Function:	NO
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	3x0.35 PVC shielded
Weighth:	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: Y12000063 - Model: SI12-CE4 PNP NO AD3 LC10

WIRING DIAGRAM

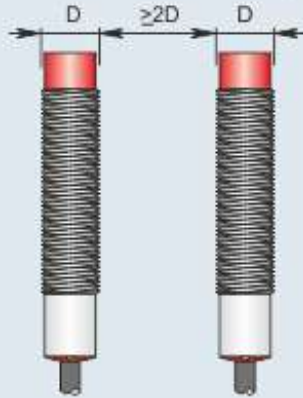
3 WIRES CABLE - LOGIC PNP NO



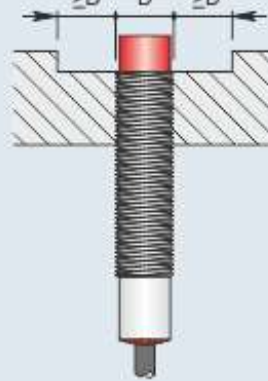
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

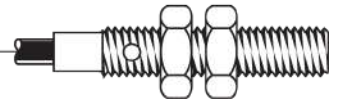
NOT EMBEDDABLE



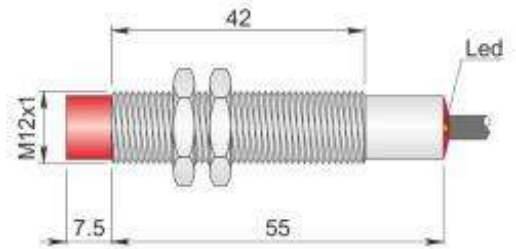
Side by side mounting



Non flush mounting



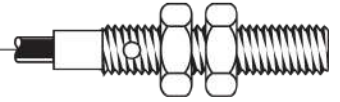
Part number: Y12000018 - Model: SI12-CE4 PNP NO AD3 LC5



Dimension in mm

TECHNICAL CHARACTERISTICS

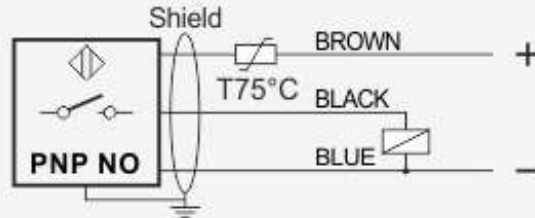
Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	PNP
Function:	NO
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	3x0.35 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: Y12000018 - Model: SI12-CE4 PNP NO AD3 LC5

WIRING DIAGRAM

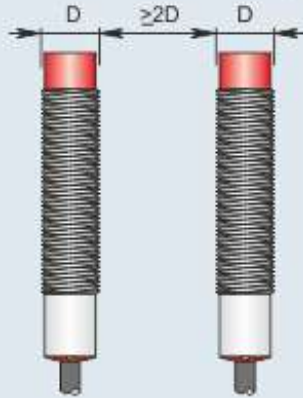
3 WIRES CABLE - LOGIC PNP NO



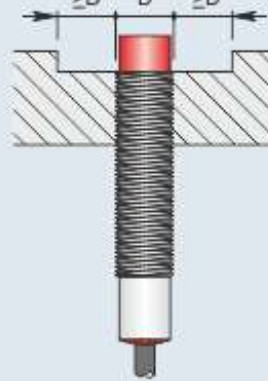
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

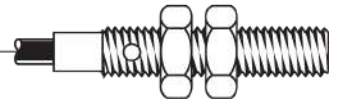
NOT EMBEDDABLE



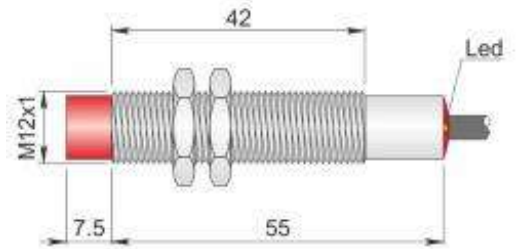
Side by side mounting



Non flush mounting



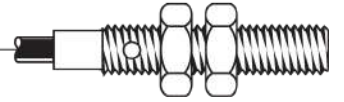
Part number: Y12000037 - Model: SI12-CE4 PNP NO+NC AD3



Dimension in mm

TECHNICAL CHARACTERISTICS

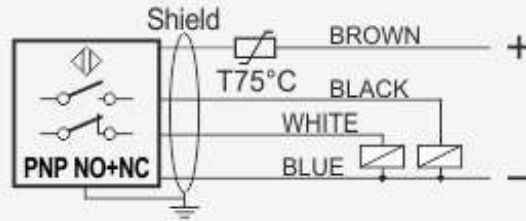
Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	PNP
Function:	NO+NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	4x0.25 PVC shielded
Weighth:	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: Y12000037 - Model: SI12-CE4 PNP NO+NC AD3

WIRING DIAGRAM

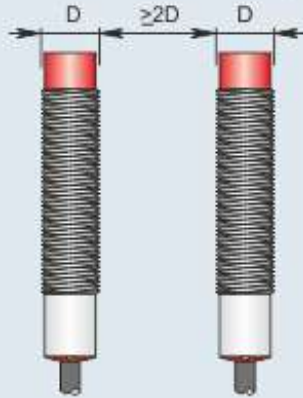
4 WIRES CABLE - LOGIC PNP NO+NC



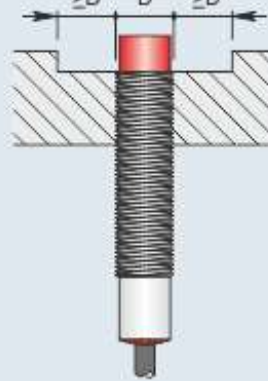
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

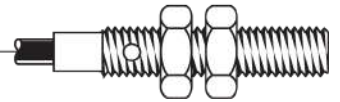
NOT EMBEDDABLE



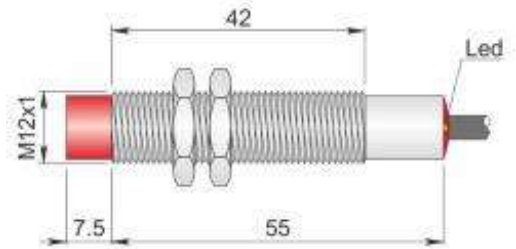
Side by side mounting



Non flush mounting



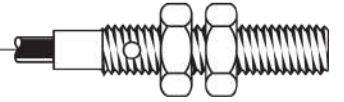
Part number: Y12000069 - Model: SI12-CE4 PNP NO+NC AD3 LC10



Dimension in mm

TECHNICAL CHARACTERISTICS

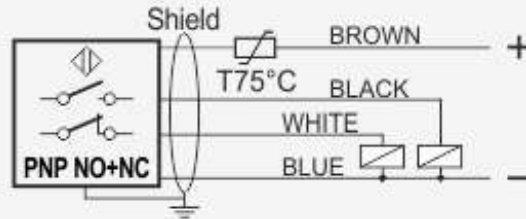
Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	PNP
Function:	NO+NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	4x0.25 PVC shielded
Weighth:	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: Y12000069 - Model: SI12-CE4 PNP NO+NC AD3 LC10

WIRING DIAGRAM

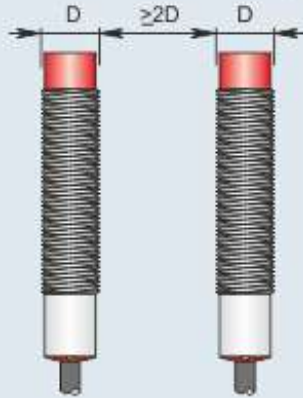
4 WIRES CABLE - LOGIC PNP NO+NC



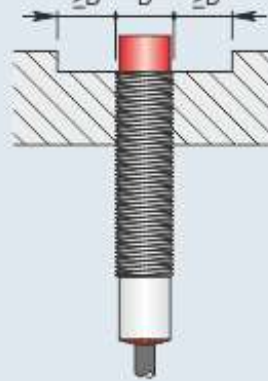
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

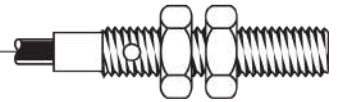
NOT EMBEDDABLE



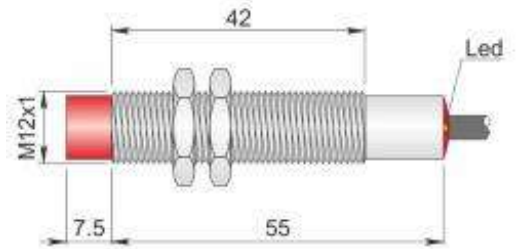
Side by side mounting



Non flush mounting



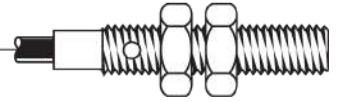
Part number: Y12000068 - Model: SI12-CE4 PNP NO+NC AD3 LC5



Dimension in mm

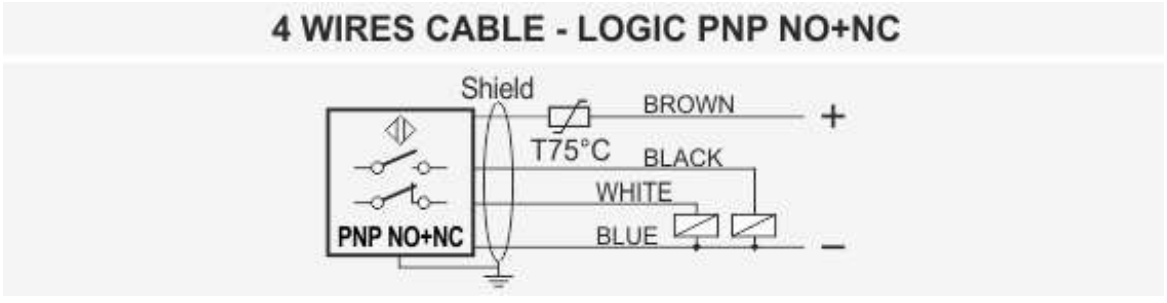
TECHNICAL CHARACTERISTICS

Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	PNP
Function:	NO+NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	4x0.25 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

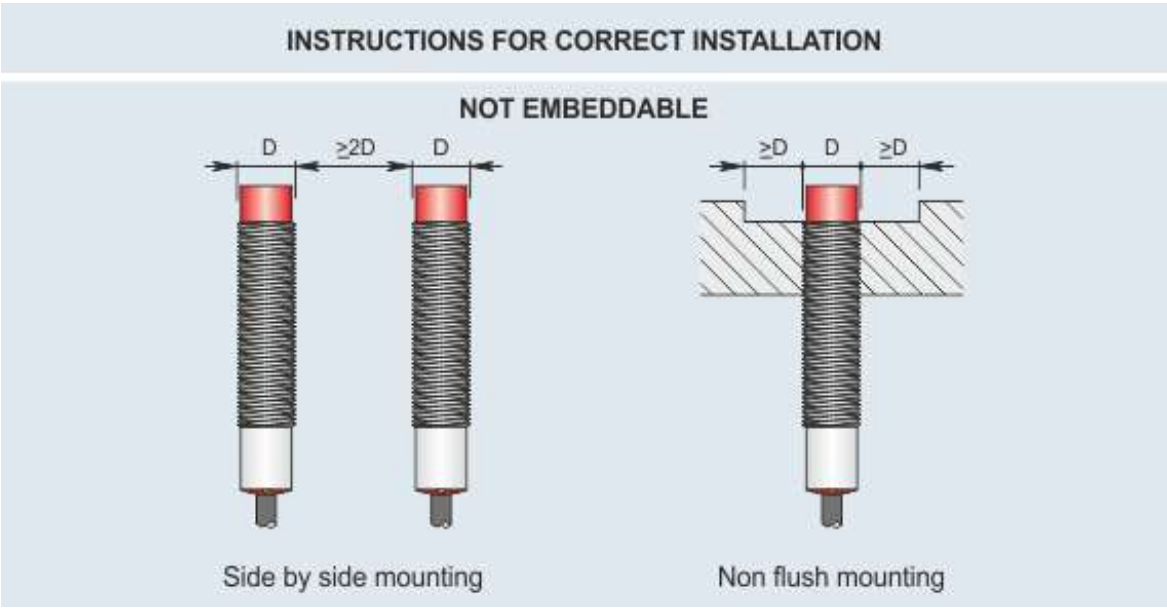


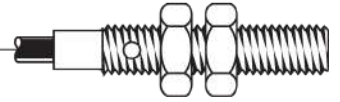
Part number: Y12000068 - Model: SI12-CE4 PNP NO+NC AD3 LC5

WIRING DIAGRAM

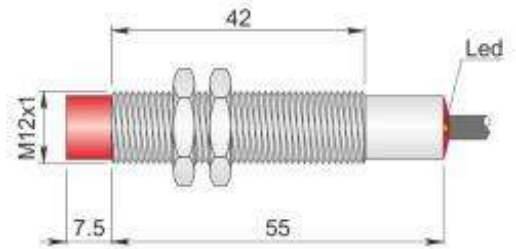


INSTRUCTIONS FOR CORRECT INSTALLATION





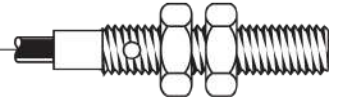
Part number: Y12000033 - Model: SI12-CE4 NPN NC AD3



Dimension in mm

TECHNICAL CHARACTERISTICS

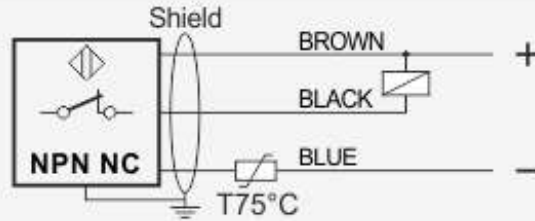
Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	NPN
Function:	NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	3x0.35 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: Y12000033 - Model: SI12-CE4 NPN NC AD3

WIRING DIAGRAM

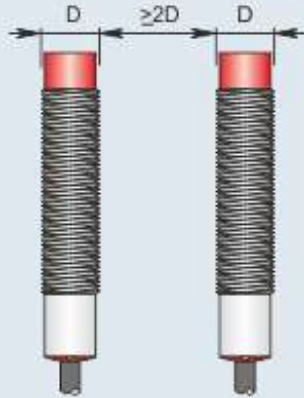
3 WIRES CABLE - LOGIC NPN NC



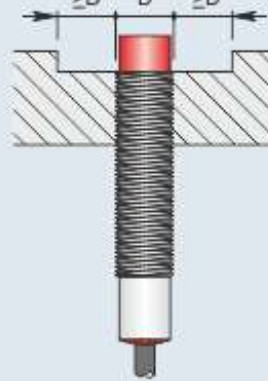
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

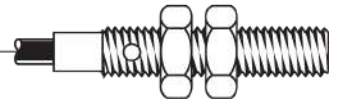
NOT EMBEDDABLE



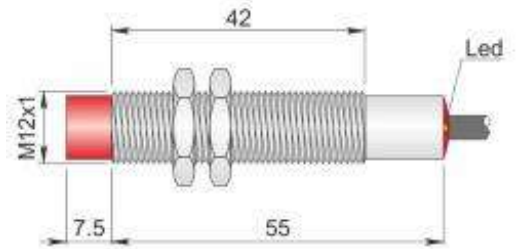
Side by side mounting



Non flush mounting



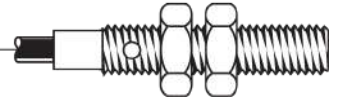
Part number: Y12000067 - Model: SI12-CE4 NPN NC AD3 LC10



Dimension in mm

TECHNICAL CHARACTERISTICS

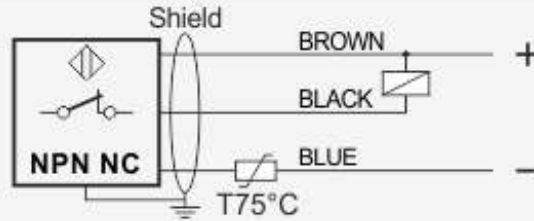
Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (mm):	4
Output logic:	NPN
Function:	NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Max. output current:	100 mA
Absorption:	< 15 mA @ 24Vdc
Voltage drop:	< 1.8 V
Short circuit protection:	Present
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:	3x0.35 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: Y12000067 - Model: SI12-CE4 NPN NC AD3 LC10

WIRING DIAGRAM

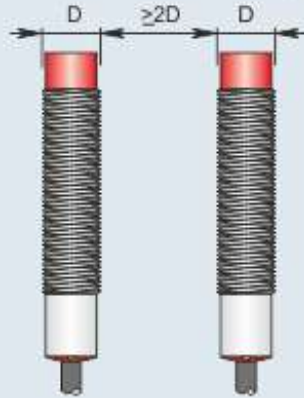
3 WIRES CABLE - LOGIC NPN NC



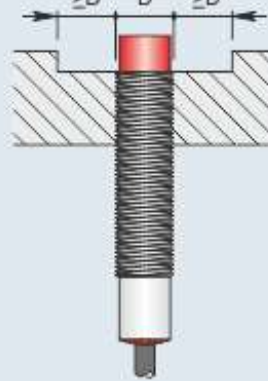
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

NOT EMBEDDABLE



Side by side mounting



Non flush mounting