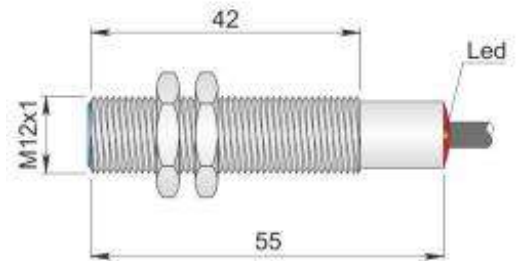


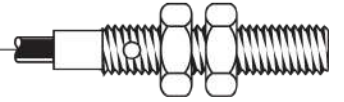
**Part number: Y12000083 - Model: SI12-A2 NC AD3 LC5**



Dimension in mm

**TECHNICAL CHARACTERISTICS**

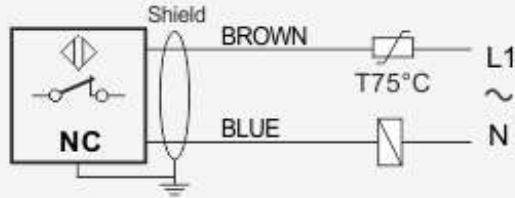
Power supply:	Alternating current
Working voltage:	20 ÷ 250 Vac
Switching distance (mm):	2
Function:	NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	12 Hz
Repeatability (%Sn):	< = 3
Max. output current:	200 mA
Min. output current:	5 mA
Max. peak current for 20msec:	1.5 A
Residual current:	< 1 mA
Voltage drop:	< 6 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
Weigth:	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, EN60079-31, EN61000-6-2, EN61000-6-4 and EN60947-5-2



Part number: Y12000083 - Model: SI12-A2 NC AD3 LC5

## WIRING DIAGRAM

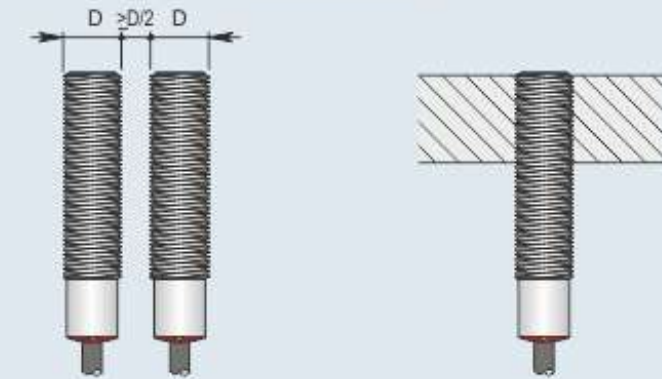
### 2 WIRES CABLE



## INSTRUCTIONS FOR CORRECT INSTALLATION

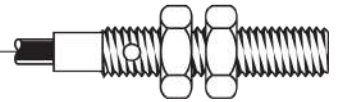
### INSTRUCTIONS FOR CORRECT INSTALLATION

#### EMBEDDABLE

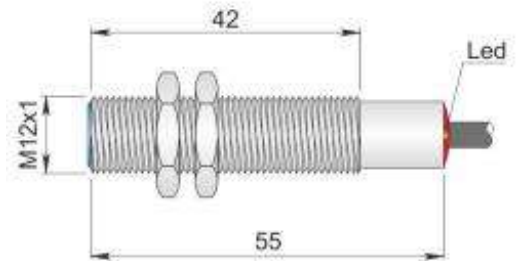


Side by side mounting

Flush mounting



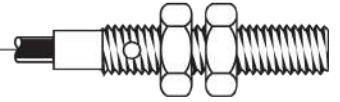
**Part number: Y12000013 - Model: SI12-A2 NO AD3**



Dimension in mm

**TECHNICAL CHARACTERISTICS**

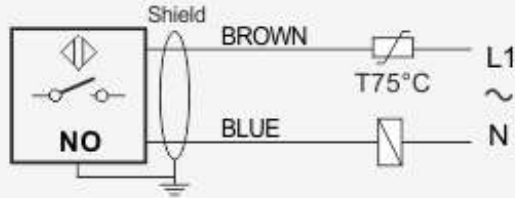
Power supply:	Alternating current
Working voltage:	20 ÷ 250 Vac
Switching distance (mm):	2
Function:	NO
Hysteresis (%Sn):	< 10%
Max. switching frequency:	12 Hz
Repeatability (%Sn):	< = 3
Max. output current:	200 mA
Min. output current:	5 mA
Max. peak current for 20msec:	1.5 A
Residual current:	< 1 mA
Voltage drop:	< 6 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
Weigth:	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, EN60079-31, EN61000-6-2, EN61000-6-4 and EN60947-5-2



Part number: Y12000013 - Model: SI12-A2 NO AD3

## WIRING DIAGRAM

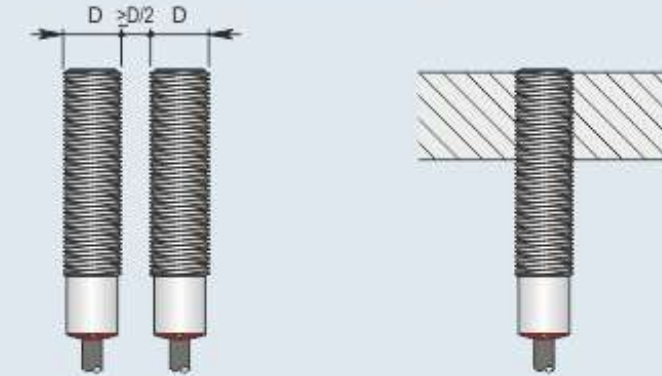
### 2 WIRES CABLE



## INSTRUCTIONS FOR CORRECT INSTALLATION

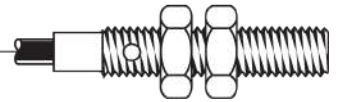
### INSTRUCTIONS FOR CORRECT INSTALLATION

#### EMBEDDABLE

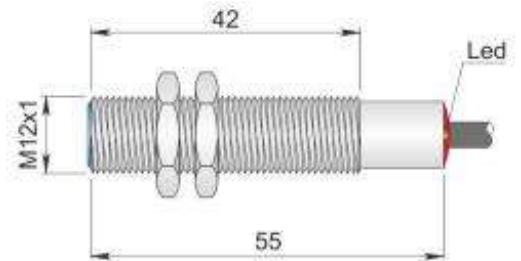


Side by side mounting

Flush mounting



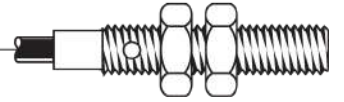
**Part number: Y1200022 - Model: SI12-A2 NC AD3**



Dimension in mm

**TECHNICAL CHARACTERISTICS**

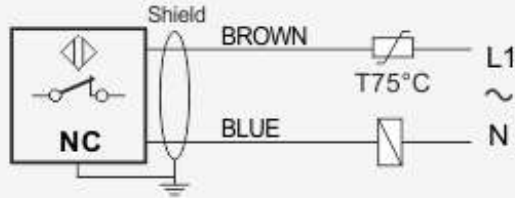
Power supply:	Alternating current
Working voltage:	20 ÷ 250 Vac
Switching distance (mm):	2
Function:	NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	12 Hz
Repeatability (%Sn):	< = 3
Max. output current:	200 mA
Min. output current:	5 mA
Max. peak current for 20msec:	1.5 A
Residual current:	< 1 mA
Voltage drop:	< 6 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
Weigth:	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, EN60079-31, EN61000-6-2, EN61000-6-4 and EN60947-5-2



Part number: Y1200022 - Model: SI12-A2 NC AD3

## WIRING DIAGRAM

### 2 WIRES CABLE



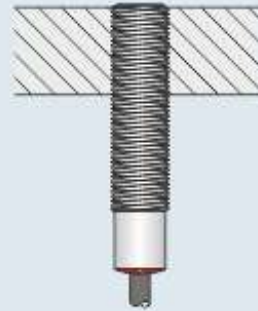
## INSTRUCTIONS FOR CORRECT INSTALLATION

### INSTRUCTIONS FOR CORRECT INSTALLATION

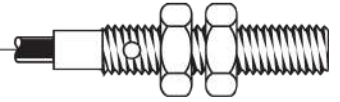
#### EMBEDDABLE



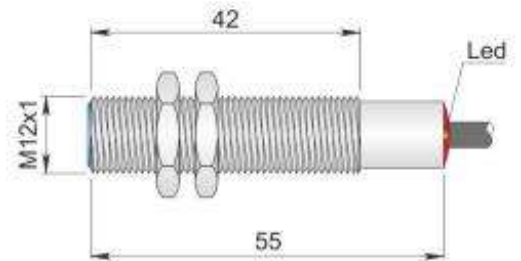
Side by side mounting



Flush mounting



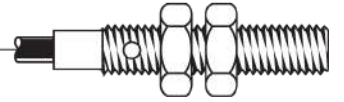
**Part number: Y12000082 - Model: SI12-A2 NO AD3 LC10**



Dimension in mm

**TECHNICAL CHARACTERISTICS**

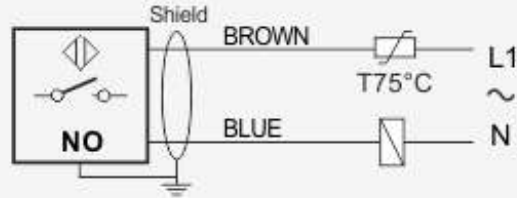
Power supply:	Alternating current
Working voltage:	20 ÷ 250 Vac
Switching distance (mm):	2
Function:	NO
Hysteresis (%Sn):	< 10%
Max. switching frequency:	12 Hz
Repeatability (%Sn):	< = 3
Max. output current:	200 mA
Min. output current:	5 mA
Max. peak current for 20msec:	1.5 A
Residual current:	< 1 mA
Voltage drop:	< 6 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
Weigth:	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, EN60079-31, EN61000-6-2, EN61000-6-4 and EN60947-5-2



Part number: Y12000082 - Model: SI12-A2 NO AD3 LC10

## WIRING DIAGRAM

### 2 WIRES CABLE



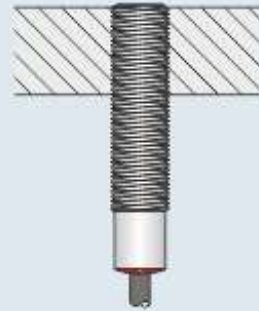
## INSTRUCTIONS FOR CORRECT INSTALLATION

### INSTRUCTIONS FOR CORRECT INSTALLATION

#### EMBEDDABLE

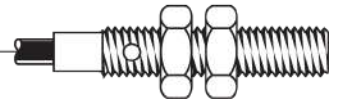


Side by side mounting

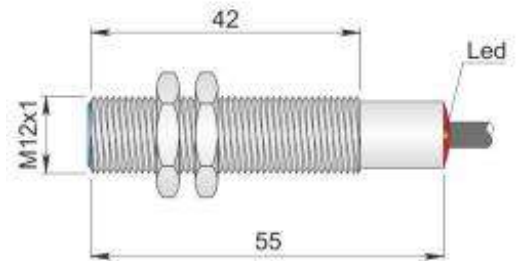


Flush mounting





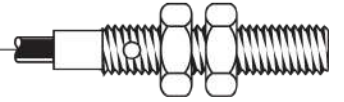
**Part number: Y12000081 - Model: SI12-A2 NO AD3 LC5**



Dimension in mm

**TECHNICAL CHARACTERISTICS**

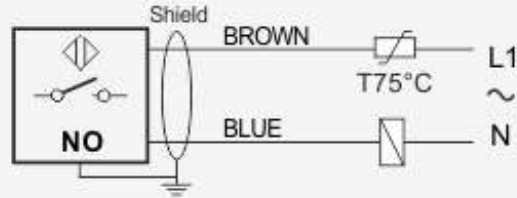
Power supply:	Alternating current
Working voltage:	20 ÷ 250 Vac
Switching distance (mm):	2
Function:	NO
Hysteresis (%Sn):	< 10%
Max. switching frequency:	12 Hz
Repeatability (%Sn):	< = 3
Max. output current:	200 mA
Min. output current:	5 mA
Max. peak current for 20msec:	1.5 A
Residual current:	< 1 mA
Voltage drop:	< 6 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
Weigth:	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, EN60079-31, EN61000-6-2, EN61000-6-4 and EN60947-5-2



Part number: Y12000081 - Model: SI12-A2 NO AD3 LC5

## WIRING DIAGRAM

### 2 WIRES CABLE



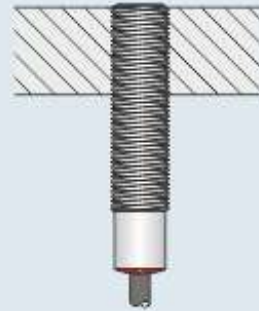
## INSTRUCTIONS FOR CORRECT INSTALLATION

### INSTRUCTIONS FOR CORRECT INSTALLATION

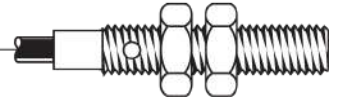
#### EMBEDDABLE



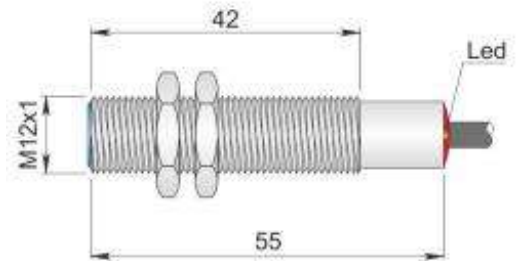
Side by side mounting



Flush mounting



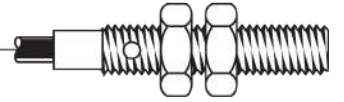
**Part number: Y12000084 - Model: SI12-A2 NC AD3 LC10**



Dimension in mm

**TECHNICAL CHARACTERISTICS**

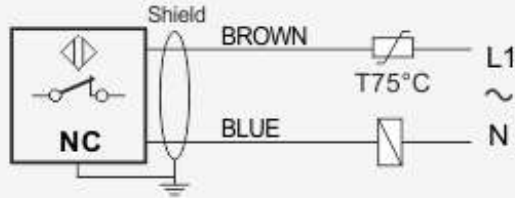
Power supply:	Alternating current
Working voltage:	20 ÷ 250 Vac
Switching distance (mm):	2
Function:	NC
Hysteresis (%Sn):	< 10%
Max. switching frequency:	12 Hz
Repeatability (%Sn):	< = 3
Max. output current:	200 mA
Min. output current:	5 mA
Max. peak current for 20msec:	1.5 A
Residual current:	< 1 mA
Voltage drop:	< 6 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
Weigth:	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, EN60079-31, EN61000-6-2, EN61000-6-4 and EN60947-5-2



Part number: Y12000084 - Model: SI12-A2 NC AD3 LC10

## WIRING DIAGRAM

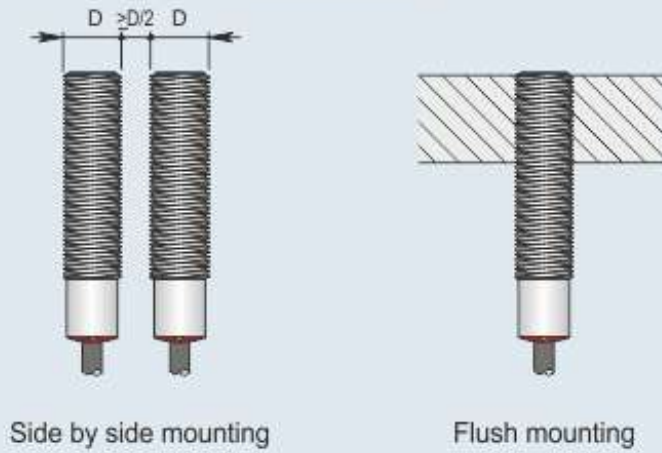
### 2 WIRES CABLE



## INSTRUCTIONS FOR CORRECT INSTALLATION

### INSTRUCTIONS FOR CORRECT INSTALLATION

#### EMBEDDABLE



Side by side mounting

Flush mounting