

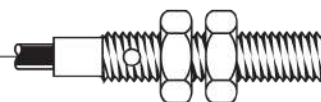
**Part number: C18000086 - Model: SC18SP-AE10 NO/NC H**



Dimension in mm

## TECHNICAL CHARACTERISTICS

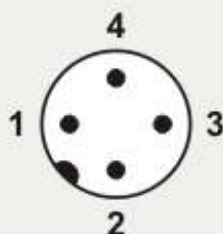
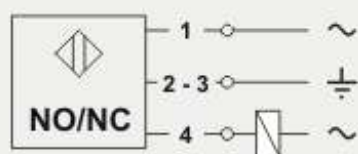
|                               |                                     |
|-------------------------------|-------------------------------------|
| Working voltage:              | 20 ÷ 250 Vac                        |
| Output type:                  | AC                                  |
| Function:                     | NO/NC programmable                  |
| Actuation type:               | Instantaneous                       |
| Sensing distance (mm):        | 0 ÷ 10 (adjustable)                 |
| Hysteresis (%Sn):             | < = 20                              |
| Max switching frequency:      | 10 Hz                               |
| Repeatability (%Sn):          | < 10                                |
| Max output current:           | 300 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:   | M18x1                               |
| Housing material:             | Plastic                             |
| Connection type:              | H plug                              |
| Temperature limits:           | -20 ÷ +70 °C                        |
| IP rating:                    | IP 67                               |
| Weight:                       | 100 g                               |



**Part number: C18000086 - Model: SC18SP-AE10 NO/NC H**

## WIRING DIAGRAM

### CONNECTION WITH H PLUG

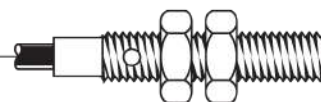


VIEW OF MALE CONNECTOR

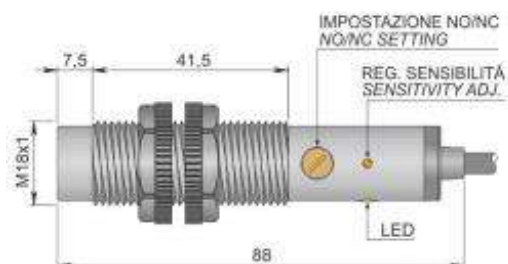
1 = ~  
2 - 3 =  $\frac{+}{-}$   
4 = ~

## INSTRUCTIONS FOR CORRECT INSTALLATION





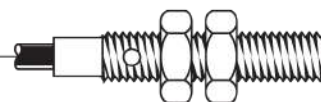
**Part number: C18000085 - Model: SC18SP-AE10 NO/NC LC10**



Dimension in mm

## TECHNICAL CHARACTERISTICS

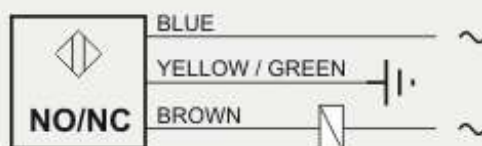
|                               |                                     |
|-------------------------------|-------------------------------------|
| Working voltage:              | 20 ÷ 250 Vac                        |
| Output type:                  | AC                                  |
| Function:                     | NO/NC programmable                  |
| Actuation type:               | Instantaneous                       |
| Sensing distance (mm):        | 0 ÷ 10 (adjustable)                 |
| Hysteresis (%Sn):             | < = 20                              |
| Max switching frequency:      | 10 Hz                               |
| Repeatability (%Sn):          | < 10                                |
| Max output current:           | 300 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:   | M18x1                               |
| Housing material:             | Plastic                             |
| Connection type:              | Cable 10 m                          |
| Cable type:                   | 3x0.35 PVC                          |
| Temperature limits:           | -20 ÷ +70 °C                        |
| IP rating:                    | IP 67                               |
| Weight:                       | 410 g                               |



**Part number: C18000085 - Model: SC18SP-AE10 NO/NC LC10**

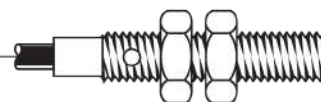
## WIRING DIAGRAM

### 2 WIRES + GROUND CABLE (NO/NC Programmable)

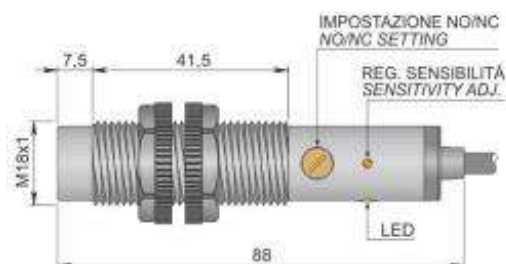


## INSTRUCTIONS FOR CORRECT INSTALLATION





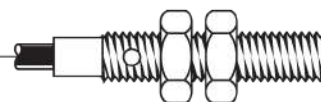
**Part number: C18000084 - Model: SC18SP-AE10 NO/NC LC5**



Dimension in mm

## TECHNICAL CHARACTERISTICS

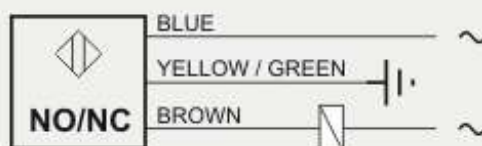
|                               |                                     |
|-------------------------------|-------------------------------------|
| Working voltage:              | 20 ÷ 250 Vac                        |
| Output type:                  | AC                                  |
| Function:                     | NO/NC programmable                  |
| Actuation type:               | Instantaneous                       |
| Sensing distance (mm):        | 0 ÷ 10 (adjustable)                 |
| Hysteresis (%Sn):             | < = 20                              |
| Max switching frequency:      | 10 Hz                               |
| Repeatability (%Sn):          | < 10                                |
| Max output current:           | 300 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:   | M18x1                               |
| Housing material:             | Plastic                             |
| Connection type:              | Cable 5 m                           |
| Cable type:                   | 3x0.35 PVC                          |
| Temperature limits:           | -20 ÷ +70 °C                        |
| IP rating:                    | IP 67                               |
| Weight:                       | 250 g                               |



Part number: C18000084 - Model: SC18SP-AE10 NO/NC LC5

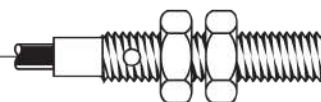
## WIRING DIAGRAM

### 2 WIRES + GROUND CABLE (NO/NC Programmable)

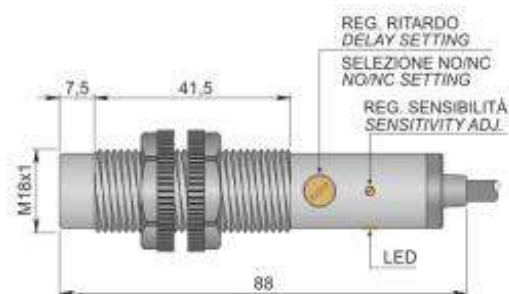


## INSTRUCTIONS FOR CORRECT INSTALLATION





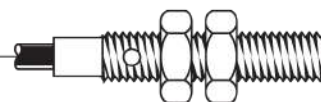
**Part number: C18000101 - Model: SC18SP-AE10 TD1 NO/NC**



Dimension in mm

## TECHNICAL CHARACTERISTICS

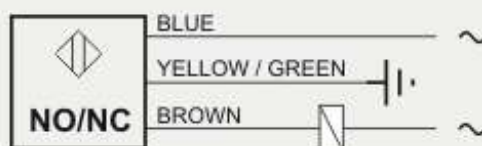
|                               |                                          |
|-------------------------------|------------------------------------------|
| Working voltage:              | 20 ÷ 250 Vac                             |
| Output type:                  | AC                                       |
| Function:                     | NO/NC programmable                       |
| Actuation type:               | Delayed                                  |
| Delay range (min):            | 0 ÷ 1                                    |
| Sensing distance (mm):        | 0 ÷ 10 (adjustable)                      |
| Hysteresis (%Sn):             | < = 20                                   |
| Max switching frequency:      | Max = 10 Hz / min = In relation to delay |
| Repeatability (%Sn):          | < 10                                     |
| Max output current:           | 300 mA                                   |
| Min output current:           | 10 mA (minimum current for release)      |
| Max. peak current for 20msec: | 1.5 A                                    |
| Residual current:             | < = 2 mA                                 |
| Voltage drop:                 | < 6 V                                    |
| Led indicator:                | Yellow = output / Blinking blue = timer  |
| Shielding:                    | Not embeddable                           |
| Mechanical characteristics:   | M18x1                                    |
| Housing material:             | Plastic                                  |
| Connection type:              | Cable 3 m                                |
| Cable type:                   | 3x0.35 PVC                               |
| Temperature limits:           | -20 ÷ +70 °C                             |
| IP rating:                    | IP 67                                    |
| Weight:                       | 170 g                                    |



Part number: C18000101 - Model: SC18SP-AE10 TD1 NO/NC

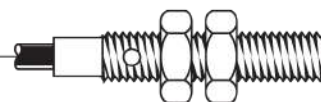
## WIRING DIAGRAM

### 2 WIRES + GROUND CABLE (NO/NC Programmable)

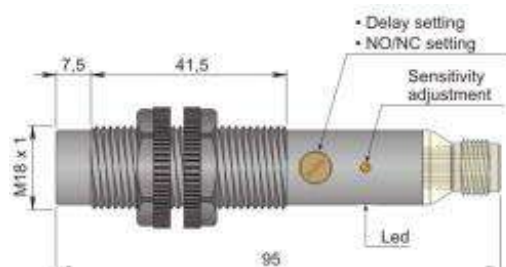


## INSTRUCTIONS FOR CORRECT INSTALLATION





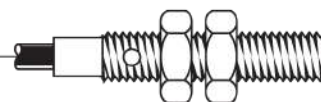
**Part number: C18000103 - Model: SC18SP-AE10 TD1 NO/NC H**



Dimension in mm

## TECHNICAL CHARACTERISTICS

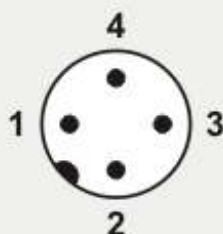
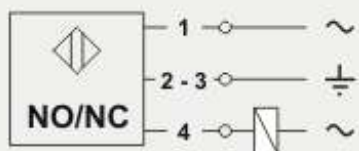
|                               |                                          |
|-------------------------------|------------------------------------------|
| Working voltage:              | 20 ÷ 250 Vac                             |
| Output type:                  | AC                                       |
| Function:                     | NO/NC programmable                       |
| Actuation type:               | Delayed                                  |
| Delay range (min):            | 0 ÷ 1                                    |
| Sensing distance (mm):        | 0 ÷ 10 (adjustable)                      |
| Hysteresis (%Sn):             | < = 20                                   |
| Max switching frequency:      | Max = 10 Hz / min = In relation to delay |
| Repeatability (%Sn):          | < 10                                     |
| Max output current:           | 300 mA                                   |
| Min output current:           | 10 mA (minimum current for release)      |
| Max. peak current for 20msec: | 1.5 A                                    |
| Residual current:             | < = 2 mA                                 |
| Voltage drop:                 | < 6 V                                    |
| Led indicator:                | Yellow = output / Blinking blue = timer  |
| Shielding:                    | Not embeddable                           |
| Mechanical characteristics:   | M18x1                                    |
| Housing material:             | Plastic                                  |
| Connection type:              | H plug                                   |
| Temperature limits:           | -20 ÷ +70 °C                             |
| IP rating:                    | IP 67                                    |
| Weight:                       | 100 g                                    |



Part number: C18000103 - Model: SC18SP-AE10 TD1 NO/NC H

## WIRING DIAGRAM

### CONNECTION WITH H PLUG

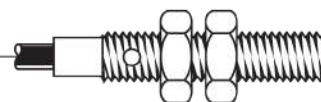


VIEW OF MALE CONNECTOR

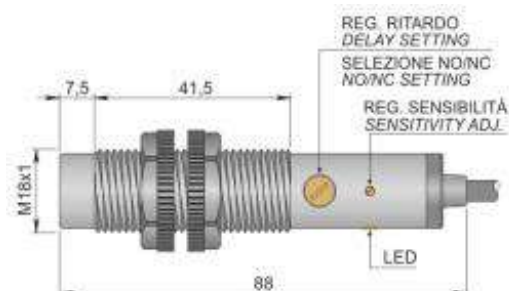
1 = ~  
2 - 3 =  $\frac{+}{-}$   
4 = ~

## INSTRUCTIONS FOR CORRECT INSTALLATION





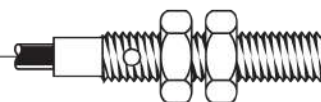
**Part number: C18000102 - Model: SC18SP-AE10 TD10 NO/NC**



Dimension in mm

## TECHNICAL CHARACTERISTICS

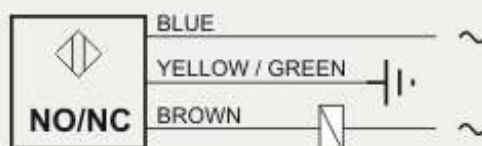
|                               |                                          |
|-------------------------------|------------------------------------------|
| Working voltage:              | 20 ÷ 250 Vac                             |
| Output type:                  | AC                                       |
| Function:                     | NO/NC programmable                       |
| Actuation type:               | Delayed                                  |
| Delay range (min):            | 0 ÷ 10                                   |
| Sensing distance (mm):        | 0 ÷ 10 (adjustable)                      |
| Hysteresis (%Sn):             | < = 20                                   |
| Max switching frequency:      | Max = 10 Hz / min = In relation to delay |
| Repeatability (%Sn):          | < 10                                     |
| Max output current:           | 300 mA                                   |
| Min output current:           | 10 mA (minimum current for release)      |
| Max. peak current for 20msec: | 1.5 A                                    |
| Residual current:             | < = 2 mA                                 |
| Voltage drop:                 | < 6 V                                    |
| Led indicator:                | Yellow = output / Blinking blue = timer  |
| Shielding:                    | Not embeddable                           |
| Mechanical characteristics:   | M18x1                                    |
| Housing material:             | Plastic                                  |
| Connection type:              | Cable 3 m                                |
| Cable type:                   | 3x0.35 PVC                               |
| Temperature limits:           | -20 ÷ +70 °C                             |
| IP rating:                    | IP 67                                    |
| Weight:                       | 170 g                                    |



Part number: C18000102 - Model: SC18SP-AE10 TD10 NO/NC

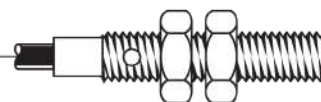
## WIRING DIAGRAM

### 2 WIRES + GROUND CABLE (NO/NC Programmable)

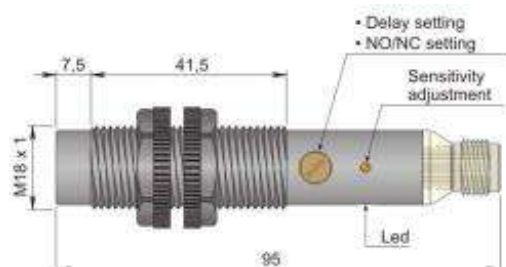


## INSTRUCTIONS FOR CORRECT INSTALLATION





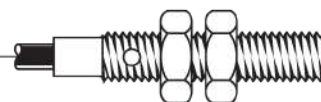
**Part number: C18000104 - Model: SC18SP-AE10 TD10 NO/NC H**



Dimension in mm

## TECHNICAL CHARACTERISTICS

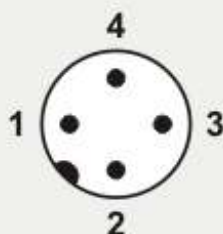
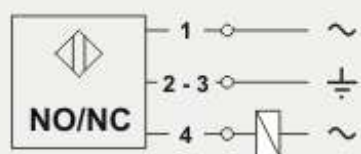
|                               |                                          |
|-------------------------------|------------------------------------------|
| Working voltage:              | 20 ÷ 250 Vac                             |
| Output type:                  | AC                                       |
| Function:                     | NO/NC programmable                       |
| Actuation type:               | Delayed                                  |
| Delay range (min):            | 0 ÷ 10                                   |
| Sensing distance (mm):        | 0 ÷ 10 (adjustable)                      |
| Hysteresis (%Sn):             | < = 20                                   |
| Max switching frequency:      | Max = 10 Hz / min = In relation to delay |
| Repeatability (%Sn):          | < 10                                     |
| Max output current:           | 300 mA                                   |
| Min output current:           | 10 mA (minimum current for release)      |
| Max. peak current for 20msec: | 1.5 A                                    |
| Residual current:             | < = 2 mA                                 |
| Voltage drop:                 | < 6 V                                    |
| Led indicator:                | Yellow = output / Blinking blue = timer  |
| Shielding:                    | Not embeddable                           |
| Mechanical characteristics:   | M18x1                                    |
| Housing material:             | Plastic                                  |
| Connection type:              | H plug                                   |
| Temperature limits:           | -20 ÷ +70 °C                             |
| IP rating:                    | IP 67                                    |
| Weight:                       | 100 g                                    |



Part number: C18000104 - Model: SC18SP-AE10 TD10 NO/NC H

## WIRING DIAGRAM

### CONNECTION WITH H PLUG

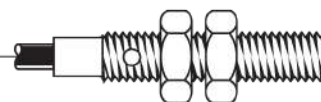


### VIEW OF MALE CONNECTOR

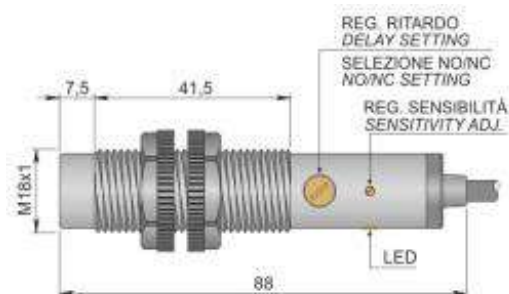
1 = ~  
2 - 3 =  $\perp$   
4 = ~

## INSTRUCTIONS FOR CORRECT INSTALLATION





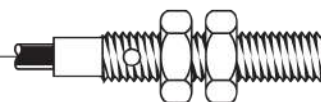
**Part number: C18000097 - Model: SC18SP-AE10 TE1 NO/NC**



Dimension in mm

## TECHNICAL CHARACTERISTICS

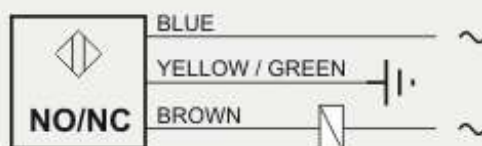
|                               |                                          |
|-------------------------------|------------------------------------------|
| Working voltage:              | 20 ÷ 250 Vac                             |
| Output type:                  | AC                                       |
| Function:                     | NO/NC programmable                       |
| Actuation type:               | Delayed                                  |
| Delay range (min):            | 0 ÷ 1                                    |
| Sensing distance (mm):        | 0 ÷ 10 (adjustable)                      |
| Hysteresis (%Sn):             | < = 20                                   |
| Max switching frequency:      | Max = 10 Hz / min = In relation to delay |
| Repeatability (%Sn):          | < 10                                     |
| Max output current:           | 300 mA                                   |
| Min output current:           | 10 mA (minimum current for release)      |
| Max. peak current for 20msec: | 1.5 A                                    |
| Residual current:             | < = 2 mA                                 |
| Voltage drop:                 | < 6 V                                    |
| Led indicator:                | Yellow = output / Blinking blue = timer  |
| Shielding:                    | Not embeddable                           |
| Mechanical characteristics:   | M18x1                                    |
| Housing material:             | Plastic                                  |
| Connection type:              | Cable 3 m                                |
| Cable type:                   | 3x0.35 PVC                               |
| Temperature limits:           | -20 ÷ +70 °C                             |
| IP rating:                    | IP 67                                    |
| Weight:                       | 170 g                                    |



Part number: C18000097 - Model: SC18SP-AE10 TE1 NO/NC

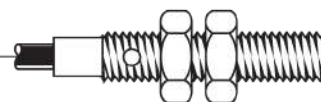
## WIRING DIAGRAM

### 2 WIRES + GROUND CABLE (NO/NC Programmable)

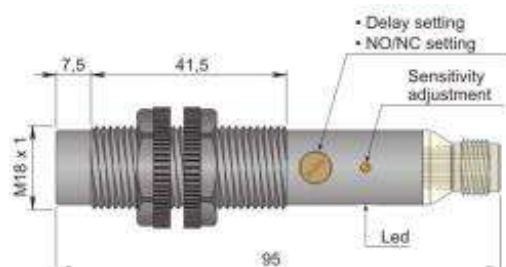


## INSTRUCTIONS FOR CORRECT INSTALLATION





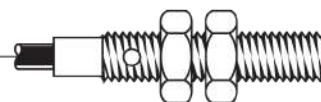
**Part number: C18000099 - Model: SC18SP-AE10 TE1 NO/NC H**



Dimension in mm

## TECHNICAL CHARACTERISTICS

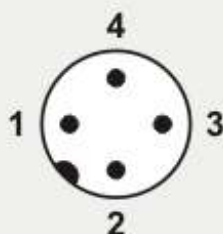
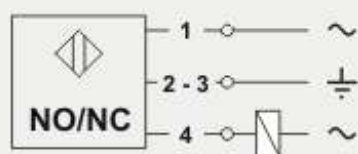
|                               |                                          |
|-------------------------------|------------------------------------------|
| Working voltage:              | 20 ÷ 250 Vac                             |
| Output type:                  | AC                                       |
| Function:                     | NO/NC programmable                       |
| Actuation type:               | Delayed                                  |
| Delay range (min):            | 0 ÷ 1                                    |
| Sensing distance (mm):        | 0 ÷ 10 (adjustable)                      |
| Hysteresis (%Sn):             | < = 20                                   |
| Max switching frequency:      | Max = 10 Hz / min = In relation to delay |
| Repeatability (%Sn):          | < 10                                     |
| Max output current:           | 300 mA                                   |
| Min output current:           | 10 mA (minimum current for release)      |
| Max. peak current for 20msec: | 1.5 A                                    |
| Residual current:             | < = 2 mA                                 |
| Voltage drop:                 | < 6 V                                    |
| Led indicator:                | Yellow = output / Blinking blue = timer  |
| Shielding:                    | Not embeddable                           |
| Mechanical characteristics:   | M18x1                                    |
| Housing material:             | Plastic                                  |
| Connection type:              | H plug                                   |
| Temperature limits:           | -20 ÷ +70 °C                             |
| IP rating:                    | IP 67                                    |
| Weight:                       | 100 g                                    |



Part number: C18000099 - Model: SC18SP-AE10 TE1 NO/NC H

## WIRING DIAGRAM

### CONNECTION WITH H PLUG

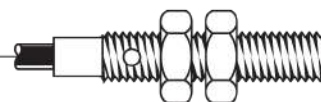


### VIEW OF MALE CONNECTOR

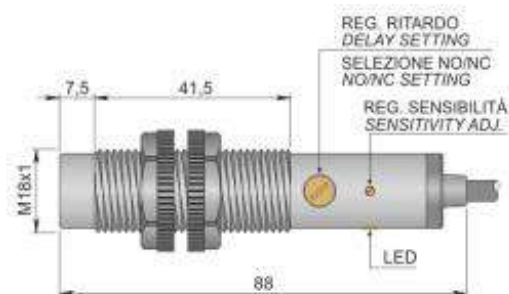
1 = ~  
2 - 3 =  $\perp$   
4 = ~

## INSTRUCTIONS FOR CORRECT INSTALLATION





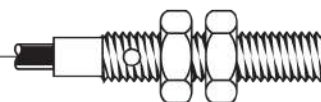
**Part number: C18000098 - Model: SC18SP-AE10 TE10 NO/NC**



Dimension in mm

## TECHNICAL CHARACTERISTICS

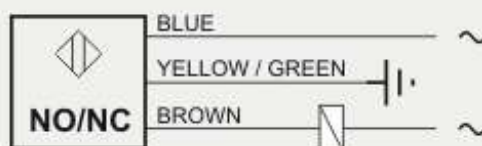
|                               |                                          |
|-------------------------------|------------------------------------------|
| Working voltage:              | 20 ÷ 250 Vac                             |
| Output type:                  | AC                                       |
| Function:                     | NO/NC programmable                       |
| Actuation type:               | Delayed                                  |
| Delay range (min):            | 0 ÷ 10                                   |
| Sensing distance (mm):        | 0 ÷ 10 (adjustable)                      |
| Hysteresis (%Sn):             | < = 20                                   |
| Max switching frequency:      | Max = 10 Hz / min = In relation to delay |
| Repeatability (%Sn):          | < 10                                     |
| Max output current:           | 300 mA                                   |
| Min output current:           | 10 mA (minimum current for release)      |
| Max. peak current for 20msec: | 1.5 A                                    |
| Residual current:             | < = 2 mA                                 |
| Voltage drop:                 | < 6 V                                    |
| Led indicator:                | Yellow = output / Blinking blue = timer  |
| Shielding:                    | Not embeddable                           |
| Mechanical characteristics:   | M18x1                                    |
| Housing material:             | Plastic                                  |
| Connection type:              | Cable 3 m                                |
| Cable type:                   | 3x0.35 PVC                               |
| Temperature limits:           | -20 ÷ +70 °C                             |
| IP rating:                    | IP 67                                    |
| Weight:                       | 170 g                                    |



Part number: C18000098 - Model: SC18SP-AE10 TE10 NO/NC

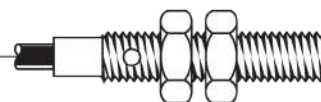
## WIRING DIAGRAM

### 2 WIRES + GROUND CABLE (NO/NC Programmable)

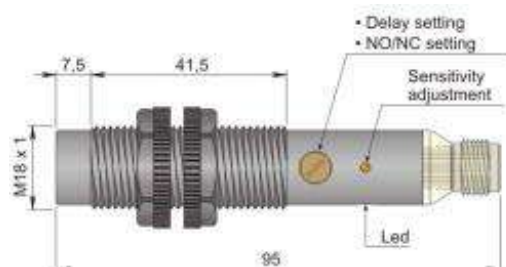


## INSTRUCTIONS FOR CORRECT INSTALLATION





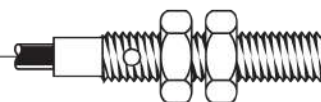
**Part number: C18000100 - Model: SC18SP-AE10 TE10 NO/NC H**



Dimension in mm

## TECHNICAL CHARACTERISTICS

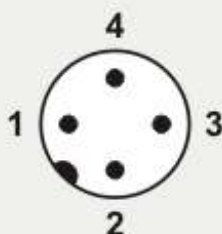
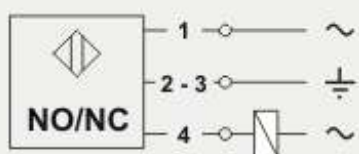
|                               |                                          |
|-------------------------------|------------------------------------------|
| Working voltage:              | 20 ÷ 250 Vac                             |
| Output type:                  | AC                                       |
| Function:                     | NO/NC programmable                       |
| Actuation type:               | Delayed                                  |
| Delay range (min):            | 0 ÷ 10                                   |
| Sensing distance (mm):        | 0 ÷ 10 (adjustable)                      |
| Hysteresis (%Sn):             | < = 20                                   |
| Max switching frequency:      | Max = 10 Hz / min = In relation to delay |
| Repeatability (%Sn):          | < 10                                     |
| Max output current:           | 300 mA                                   |
| Min output current:           | 10 mA (minimum current for release)      |
| Max. peak current for 20msec: | 1.5 A                                    |
| Residual current:             | < = 2 mA                                 |
| Voltage drop:                 | < 6 V                                    |
| Led indicator:                | Yellow = output / Blinking blue = timer  |
| Shielding:                    | Not embeddable                           |
| Mechanical characteristics:   | M18x1                                    |
| Housing material:             | Plastic                                  |
| Connection type:              | H plug                                   |
| Temperature limits:           | -20 ÷ +70 °C                             |
| IP rating:                    | IP 67                                    |
| Weight:                       | 100 g                                    |



Part number: C18000100 - Model: SC18SP-AE10 TE10 NO/NC H

## WIRING DIAGRAM

### CONNECTION WITH H PLUG

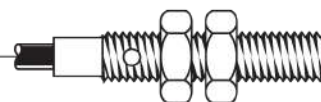


VIEW OF MALE CONNECTOR

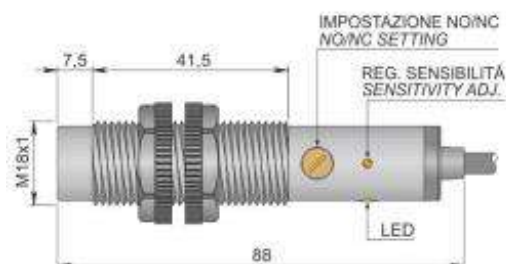
1 = ~  
2 - 3 =  $\frac{+}{-}$   
4 = ~

## INSTRUCTIONS FOR CORRECT INSTALLATION





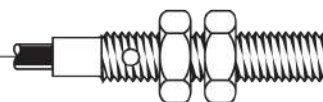
**Part number: C18000083 - Model: SC18SP-AE10 NO/NC**



Dimension in mm

## TECHNICAL CHARACTERISTICS

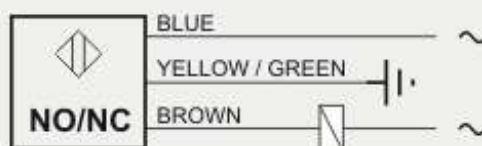
|                               |                                     |
|-------------------------------|-------------------------------------|
| Working voltage:              | 20 ÷ 250 Vac                        |
| Output type:                  | AC                                  |
| Function:                     | NO/NC programmable                  |
| Actuation type:               | Instantaneous                       |
| Sensing distance (mm):        | 0 ÷ 10 (adjustable)                 |
| Hysteresis (%Sn):             | < = 20                              |
| Max switching frequency:      | 10 Hz                               |
| Repeatability (%Sn):          | < 10                                |
| Max output current:           | 300 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:   | M18x1                               |
| Housing material:             | Plastic                             |
| Connection type:              | Cable 3 m                           |
| Cable type:                   | 3x0.35 PVC                          |
| Temperature limits:           | -20 ÷ +70 °C                        |
| IP rating:                    | IP 67                               |
| Weight:                       | 170 g                               |



Part number: C18000083 - Model: SC18SP-AE10 NO/NC

## WIRING DIAGRAM

### 2 WIRES + GROUND CABLE (NO/NC Programmable)



## INSTRUCTIONS FOR CORRECT INSTALLATION

