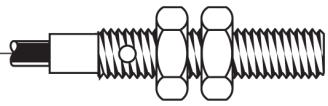
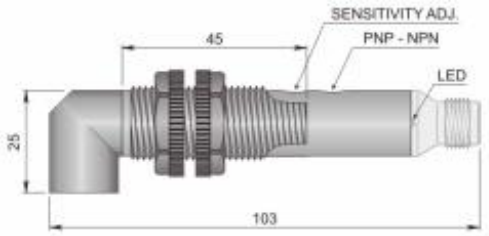
MORE THAN SENSORS



Part number: FT1000608 - Model: FT18SP-CAR 90 H



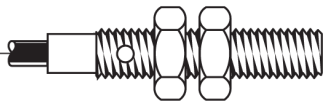
Dimension in mm

TECHNICAL CHARACTERISTICS

Power supply:		Direct current
Working voltage:		10 - 30 Vdc
Switching distance (cm):		0 - 400 (adjustable)
Output type:		DC PNP/NPN
Function:		NO+NC
Actuation type:		Instantaneus
Light source:		Red
Power on delay:		< = 100 mSec
Max switching frequency:		400 Hz
Max output current:		200 mA
Absorption:		< = 20 mA @ 24 Vdc
Voltage drop:		< = 1.8V
Short circuit protection:		Present
Interference from external light:		> 10000 Lux
Led indicator:		Yellow = operation indicator
Temperature limits:		-20 °C +50 °C
IP rating:		IP 67
Housing material:		Plastic
Mechanical characteristics:		M18x1
Connection type:		H plug
Weight:		50 g

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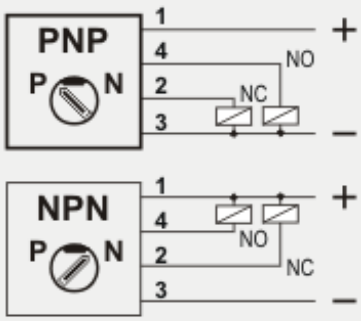
MORE THAN SENSORS

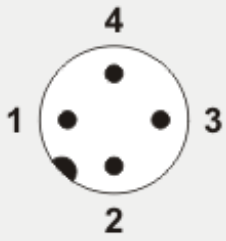


Part number: FT1000608 - Model: FT18SP-CAR 90 H

WIRING DIAGRAM

CONNECTION WITH H PLUG

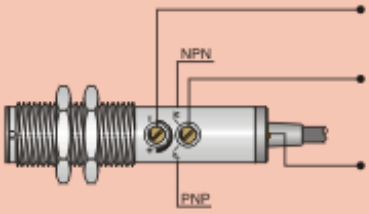




VIEW OF MALE CONNECTOR

1 = Brown / +
3 = Blue / -
4 = Black / output NO
2 = White / output NC

INSTRUCTIONS FOR THE PROGRAMMING AND ADJUSTMENT



TRIMMER FOR THE SENSING RANGE ADJUSTMENT : The photocell is supplied with max. sensing range with the trimmer totally rotated in the clockwise direction. The sensitivity reduces by rotating the trimmer in the anti-clockwise direction.

SWITCH NPN / PNP : The photocell is supplied with the switch in P (PNP output). To change to NPN turn the switch to N in the anti-clockwise direction.
WARNING ! For a correct working of the unit, do not carry out the switching when the photocell is powered.

YELLOW LED - OPERATION INDICATOR : This led is ON when the object to be detected enters the sensing range of the photocell giving output signals.

NOTE ! Before giving a power supply to the photocell it is recommended that the same unit be programmed by using the switch in the required function NPN or PNP.

NOTE ! It is recommended that the trimmer and the switch would be rotated very carefully by using a proper tool otherwise these can be seriously damaged.

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