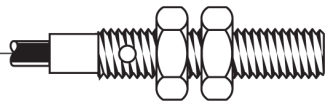
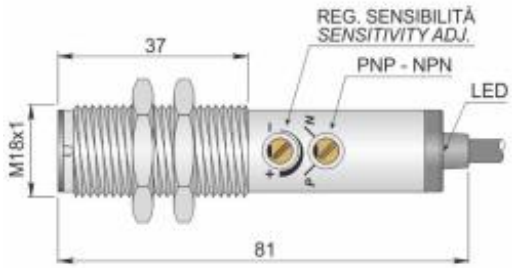
MORE THAN SENSORS



Part number: FT1000514 - Model: FT18SM-CP20



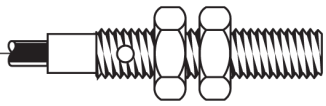
Dimension in mm

TECHNICAL CHARACTERISTICS

Power supply:		Direct current
Working voltage:		10 - 30 Vdc
Switching distance (cm):		0 - 20 (adjustable)
Output type:		DC PNP/NPN
Function:		NO+NC
Actuation type:		Instantaneus
Light source:		Infrared
Power on delay:		< = 100 mSec
Max switching frequency:		400 Hz
Max output current:		200 mA
Absorption:		< = 50 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:		Nickelled brass
Mechanical characteristics:		M18x1
Connection type:		Cable 2 m
Cable type:		4x0.25 PVC
Weight:		130 g

AECO S.r.l. 20065 Inzago (MI) Italy - Via G. Leopardi, 5 - Tel. +39 02 954381 - Fax +39 02 9548528
http://www.aecosensors.com - e-mail: aeco@aecosensors.com

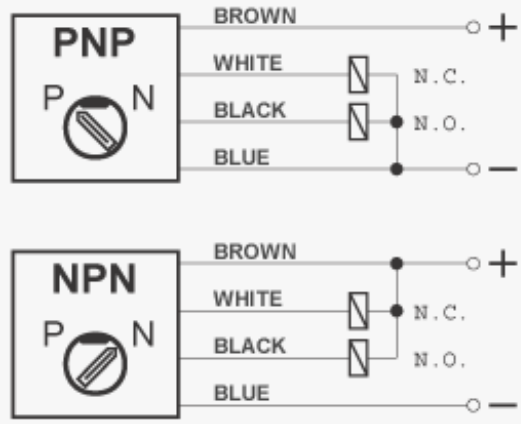
MORE THAN SENSORS



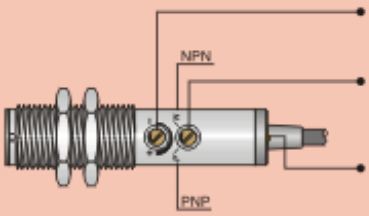
Part number: FT1000514 - Model: FT18SM-CP20

WIRING DIAGRAM

4 WIRES CABLE - LOGIC NPN+PNP / NO+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.

AECO S.r.l. 20065 Inzago (MI) Italy - Via G. Leopardi, 5 - Tel. +39 02 954381 - Fax +39 02 9548528
http://www.aecosensors.com - e-mail: aeco@aecosensors.com