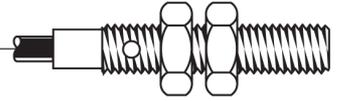


Part number: FT1000604 - Model: FT18SP-CAR H



TECHNICAL CHARACTERISTICS

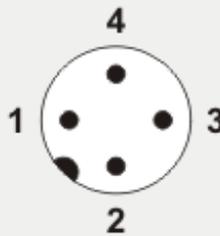
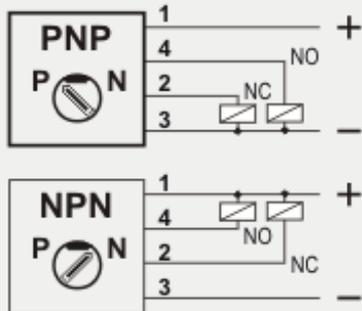
Power supply:	Direct current
Working voltage:	10 ÷ 30 Vdc
Switching distance (cm):	0 ÷ 400 (adjustable)
Output type:	DC PNP/NPN
Function:	NO+NC
Actuation type:	Instantaneous
Light source:	Red
Power on delay:	< = 100 mSec
Max switching frequency:	400 Hz
Max output current:	200 mA
Absorption:	< = 20 mA @ 24 Vdc
Voltage drop:	< = 1.8V
Short circuit protection:	Present
Interference from external light:	> 10000 Lux
Led indicator:	Yellow = operation indicator
Temperature limits:	-20 ÷ +50 °C
IP rating:	IP 67
Housing material:	Plastic
Mechanical characteristics:	M18x1
Connection type:	H plug
Weight:	75 g



Part number: FT1000604 - Model: FT18SP-CAR H

WIRING DIAGRAM

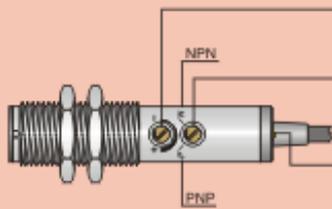
CONNECTION WITH H PLUG



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.