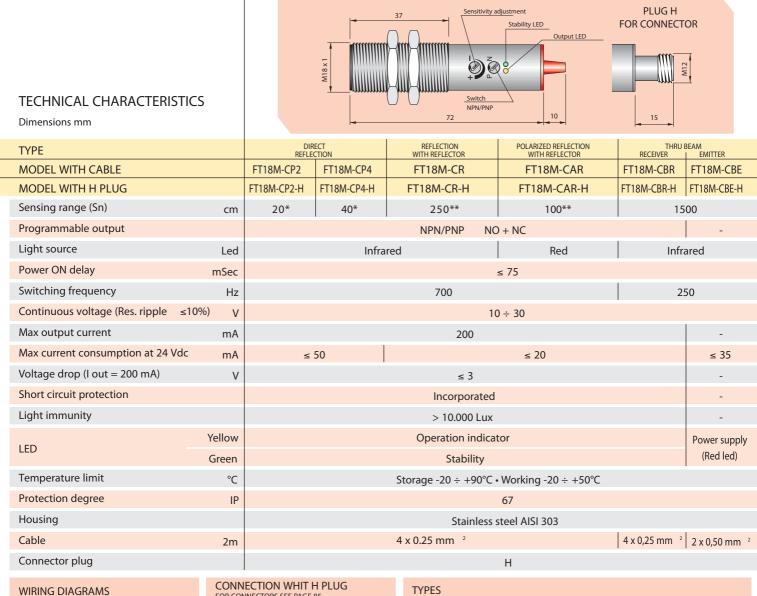


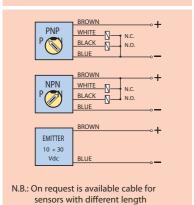
PHOTOELECTRIC SENSORS FT18M SERIES

10 ÷ 30 VDC

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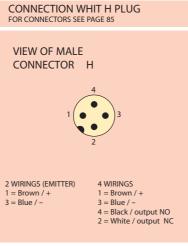
STAINLESS STEEL CYLINDRICAL HOUSING M18x1 PROGRAMMABLE OUTPUT NPN/PNP FUNCTIONS NO + NC SENSITIVITY ADJUSTMENT AXIAL BEAM

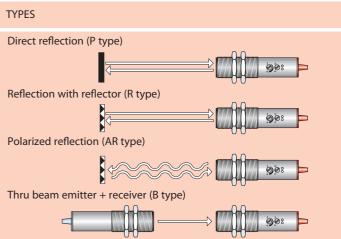




3.5 - 5 - 7.5 - 10 m.

70

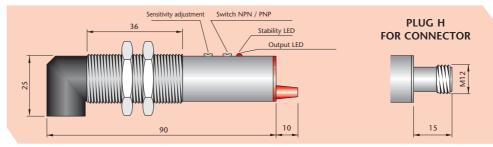




*The sensing distance is related to matt white paper dim. 10 x 10 cm. **The sensing distance is related to CT80 reflector.

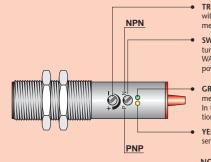
PHOTOELECTRIC SENSORS FT18M SERIES 90° BEAM

STAINLESS STEEL CYLINDRICAL HOUSING M18x1 PROGRAMMABLE OUTPUT NPN/PNP **FUNCTIONS NO + NC** SENSITIVITY ADJUSTMENT 90° BEAM



	-	90	→ 		
DIRECT REFLECTION		REFLECTION WITH REFLECTOR	POLARIZED REFLECTION WITH REFLECTOR	THRU BEAM RECEIVER EMITTER	
FT18M-CP2-90	FT18M-CP4-90	FT18M-CR-90	FT18M-CAR-90	FT18M-CBR-90	FT18M-CBE-90
FT18M-CP2-90-H	FT18M-CP4-90-H	FT18M-CR-90-H	FT18M-CAR-90-H	FT18M-CBR-90-H	FT18M-CBE-90-H
20*	40*	250**	100**	1500	
NPN/PNP NO + NC -					
Infrared			Red	Infrared	
≤ 75					
		700		250	
10 ÷ 30					
200					-
≤ 50			≤ 20		≤ 35
		≤ 3			-
Incorporated					-
> 10.000 Lux					-
Operation indicator					Power supply
Stability					(Red led)
Storage -20 ÷ +90°C • Working -20 ÷ +50°					
67					
Stainless steel AISI 303					
		4 x 0,25 mm ²		4 x 0,25 mm²	2 x 0,50 mm ²
Н					

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 trim-
- 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.

GREEN LED - STABILITY INDICATOR: This led is on when the level of the output signal and the align-

ment of the photoelectric sensors are in the optimum position. In the case that the led is off this indicates that the lens is obscured or for the types with direct reflection a possible alteration of the dimension or color of the object to be detected

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 be rotated very carefully by using a proper tool otherwise these can be seriously damaged.

EMITTER FT18M-CBE

