## PHOTOELECTRIC SENSORS

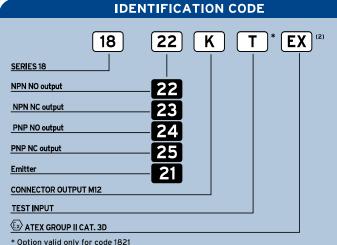
## THRU BEAM 12÷30 V DC - NPN OR PNP OUTPUT

- 18mm tubolar in metal housing
- · Operation LED aids installation
- Cable or M12 quick connect models
- Emitter with test input

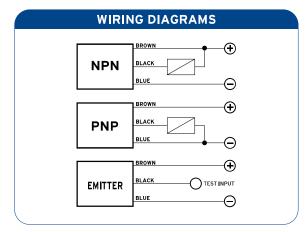


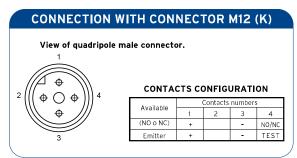
18 Series

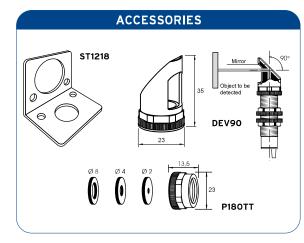


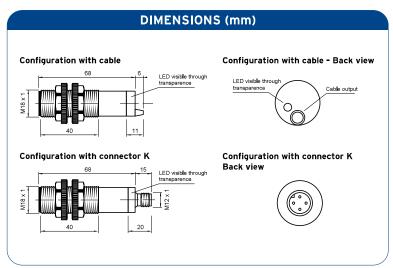


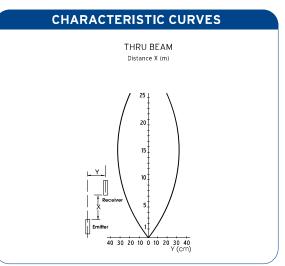
AVAILABLE	RECEIVER	EMITTER	
NOMINAL SWITCHING DISTANCE (Sn)	25 m		
TOLERANCE	+10/-10 %Sn		
HYSTERESIS	10%		
EMISSION	-	Infrared (875 nm)	
NOMINAL VOLTAGE	12 ÷ 30VDC (-15 /+10%)		
RESIDUAL RIPPLE	10%		
MAX. OUTPUT CURRENT	200 mA	-	
ABSORPTION AT 30 VDC	15 r	15 mA	
VOLTAGE DROP (Sensor ON)	1.5V (I = 200 mA)	-	
OPERATION LED	Yellow		
SWITCHING FREQUENCY	200 Hz		
RESPONSE TIME	2.5 ms		
START UP DELAY	100 ms		
SHORT CIRCUIT PROTECTION	Present (self-resetting)		
ELECTRIC PROTECTIONS	Againts polarity reversal - inductive loads		
TEMPERATURE LIMITS	-10 ÷ +60 °C		
LIGHT IMMUNITY	> 10000 Lux (1)		
PROTECTION DEGREE	IP 67 (IP 65 for models with sensitivity adjustment)		
CABLE LENGTH	2 m		
CABLE SECTION	3 x 0.25 mm <sup>2</sup>	3/2 x 0.25 mm <sup>2</sup>	
HOUSING MATERIAL	Housing: nickel plated brass - Lenses: methacrylate		
WEIGHT - cable output - (connector output)	- 110 g - (55 g)		











Note: for a proper use see norms at pages 18, 19, 20, 21 and 22.