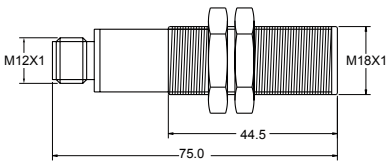
HTM™ SENSORS

- M18 PHOTOELECTRIC SENSORS FOR EASY MOUNTING
- DURABLE METAL HOUSING FOR ALL APPLICATIONS
- QUICK-CONNECT FOR EASY INSTALLATION
- AVAILABLE IN PNP, NPN AND AC MODELS
- AVAILABLE IN DIFFUSE, RETROREFLECTIVE AND THRU-BEAM
- NEW: AVAILABLE LASER MODELS

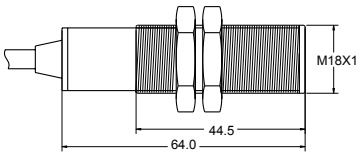
	DIFFUSE	POLARIZED REFLECTIVE	THRU-BEAM	BACKGROUND SUPPRESSION	LASER DIFFUSE
SENSING DISTANCE	500 mm	1 m	15 m	100 mm	350 mm
LIGHT EMISSION	Infrared LED (880 nm)	RED LED (660 nm)	Infrared LED (880 n)	RED LED (680 nm)	Red Laser: Class 1 - EN 60825-1
POWER SUPPLY	10-30 V DC / 20-250 V AC Models			10-30 V DC	
CURRENT CONSUMPTION	30 mA Max. / 5 mA Max AC Models				35 mA Max.
MAX. CURRENT LOAD	200 mA / 300 mA AC Models			100 mA Max.	
VOLTAGE DROP	2.5 V Max. / 10 V AC Models			2 V Max.	
RESPONSE TIME	1.5 ms			1 ms	333 microseconds
HOUSING MATERIAL	Nickel-Plated Brass / Stainless Steel Available - PMMA or PBT Lens				
MECHANICAL PROTECTION	IP67				
Quick Connect (Dimensions)	M18 x 75 mm	M18 x 75 mm	M18 x 75 mm	M18 x 71.5 mm	M18 x 71.5 mm
DC Emitter			M18B-T015MD-EX9Q4LE		
PNP - Light On/Dark On	M18B-D0500P-CX9Q4UE	M18B-L1000P-CX9Q4UE-PF	M18B-T015MP-CX9Q4UE	M18B-D0100P-CX6Q4UE-BS	M18B-D0350P-CX8Q4UE-LSR
NPN - Light On/Dark On	M18B-D0500N-CX9Q4UE	M18B-L1000N-CX9Q4UE-PF	M18B-T015MN-CX9Q4UE	M18B-D0100N-CX6Q4UE-BS	M18B-D0350N-CX8Q4UE-LSR
AC Emitter			M18B-T015MA-EX9Q4LM		
AC - Light On	M18B-D0500A-LX9Q4UM	M18B-L1000A-LX9Q4UM-PF	M18B-T015MA-LX9Q4UM		
AC - Dark On	M18B-D0500A-DX9Q4UM	M18B-L1000A-DX9Q4UM-PF	M18B-T015MA-DX9Q4UM		
Pre-wired Cable (Dimensions)	M18 x 64 mm	M18 x 64 mm	M18 x 64 mm	M18 x 57 mm	M18 x 57 mm
DC Emitter			M18B-T015MD-EX9C4U2		
PNP - Light On/Dark On	M18B-D0500P-CX9C4U2	M18B-L1000P-CX9C4U2-PF	M18B-T015MP-CX9C4U2	M18B-D0100P-CX9C4U2-BS	M18B-D0350P-CX8C4U2-LSR
NPN - Light On/Dark On	M18B-D0500N-CX9C4U2	M18B-L1000N-CX9C4U2-PF	M18B-T015MN-CX9C4U2	M18B-D0100N-CX9C4U2-BS	M18B-D0350N-CX8C4U2-LSR
AC Emitter			M18B-T015MA-EX9C3L2		
AC - Light On	M18B-D0500A-LX9C3U2	M18B-L1000A-LX9C3U2-PF	M18B-T015MA-LX9C3U2		
AC - Dark On	M18B-D0500A-DX9C3U2	M18B-L1000A-DX9C3U2-PF	M18B-T015MA-DX9C3U2		

NOTE: Specifications subject to change without notification.

QUICK CONNECT



PRE-WIRED



M18 PHOTOELECTRICS ARE A VERSATILE AND ECONOMICAL STYLE FOR MANY SENSING APPLICATIONS. THE METAL HOUSING IS DURABLE AND THE STANDARD M18 SIZE IS EASY TO MOUNT FOR A QUICK INSTALLATION AND RELIABLE OPERATION.