Diagram

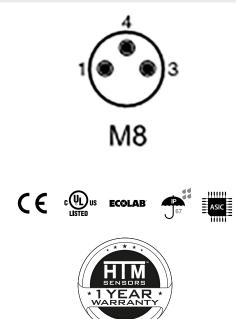A: emitter axis   B: receiver axis

Part Number

H30-TTX-30000D-M8-3QD

Features

Photoelectric sensors are used in virtually any manufacturing process with moving parts to detect products, machine parts, and a wide variety of moving objects.

For additional information, contact HTM Sensors at 800-644-1756 or service@htmsensors.com

Connection

M8

Technical Data

Sensing Range	30 m
Light Source	Red LED 630 nm
Light Spot Size	ø 15 mm @ 300 mm / ø 120 mm @ 4m / ø300 mm @ 10 m
Indicator LEDs	Output:Yellow Excess Gain: Green
IO-Link (*see Note 4)	Yes
Supply Voltage	10-30 V DC
Max. Load Current	-
No Load Current	<= 7mA
Short Circuit Protection	Yes
Reverse Polarity Protection	Yes
Output Type	-
Operation Mode	-
Response Time	-
Sensitivity Adjustment	-
Housing Material	ABS
Lens Material	PMMA
IP Rating	IP67
Time Options	-
Ambient Operating Temp	-25 C to + 65 C
Vibration Resistance	IEC 60947-5-3
Shock Resistance	IEC 60947-5-3
Cable or Connector	3-Pin M8 Male QD

Note **1**: By default, "Normal" mode. "Fine" and "Fast" modes selectable via IO-Link
Note **2**: when used with RE-D82
Note **3**: Object with 90% reflectance(standard white paper)
Note **4**:
IO-Link Verion - V1.0
SIO mode - Supported
Process Data - Detection state & stability alarm
Baudrate - COM2(38.4 kBaud)
Special Functions - Ouput Configuration, Output Timing, Sensor Mode, Detection Counter, Event Flags, Maximum and Actual Sensor Temperature