Note: The product images shown may change over time as products are updated.

Diagram
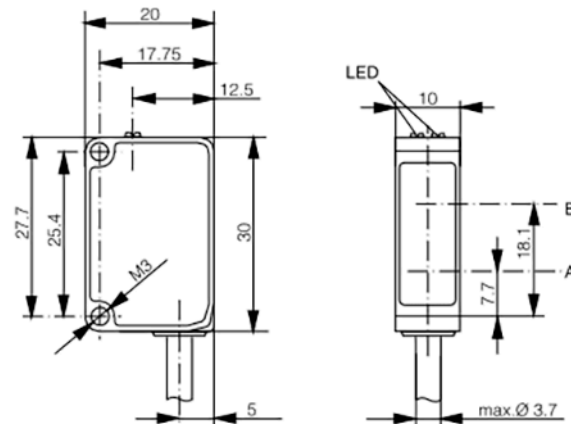
A: emitter axis   B: receiver axis
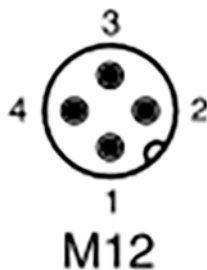
Part Number

H30-RET-8000N-M12-4QD

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

Technical Data

Sensing Range	8 m (*see Note 2)
Light Source	Red LED 630 nm
Light Spot Size	ø 30 mm @ 1 m / ø 140 mm @ 6m
Indicator LEDs	Output:Yellow Excess Gain: Green
IO-Link (*see Note 4)	-
Supply Voltage	10-30 V DC
Max. Load Current	<= 100 mA
No Load Current	<=15 mA
Short Circuit Protection	Yes
Reverse Polarity Protection	Yes
Output Type	PNP Complementary
Operation Mode	Light On or Dark on Selectable wiring
Response Time	<= 340us
Sensitivity Adjustment	-
Housing Material	ABS
Lens Material	PMMA
IP Rating	IP67
Time Options	-
Ambient Operating Temp	-25 C to + 65 C
Vibration Resistance	IEC 60947-5-5
Shock Resistance	IEC 60947-5-5
Cable or Connector	4-Pin M12 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

In the USA: 1889 Maryland Ave., Niagara Falls, NY 14305
In Canada: 3419 Mainway, Burlington, ON L7M 1A9
Toll Free: 1-800-644-1756 • Fax: 888-283-2127
service@htmsensors.com

htmsensors.com