

M18B-D0500A-DX9C3U2

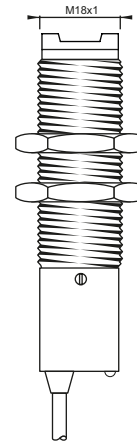
Photoelectric Sensor

M18 Prox-Style Photoelectric - Diffuse



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

Diagram



Part Number

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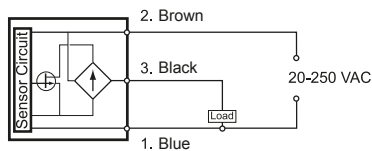
Features

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

AC Through-beam Receiver, Diffuse & Retro



Technical Data

Function Type	Diffused
Body Style	Cylindrical
Sensor Housing Material	Nickel-plated Brass
Lens Material	PC
Connector Pins	3-wire
Sensing Range	500 mm
Response Time	15 ms
Output Type	AC
Output Function	Dark on
Connection	Cable
Body Length	64 mm
Operating Voltage	20-250 VAC
Operating Temperature	-25 °C - +55 °C
Overload Trip Point	
Hysteresis	≤20% SD
IP Rating:	IP67
EMC Rating	IEC 60947-5-2, Parts 7.2.6.1. 2. 3 or RFI>3 V/m (in 30-1000 MHz), EFT>1 KV, ESD>4 KV (contact)
Shock Rating:	IEC 60947-5-2, Part 7.4.2 or 10-55 Hz, 1.0 mm amplitude in x, y and z directions for 30 min. IEC 60947-5-2, Part 7.4.1 or 30 g, 11 ms in x, y and z directions for six time each
Short Circuit Protected	YES
Max Current	300 mA
Over Current Protection	YES
Reverse Polarity Protected	NO
Current Consumption	≤5 mA
Width	
Height	



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