

ISTR-M18MP-NMS-A0 Cut Sheet



Contrinex photoelectric sensor, tubular, threaded, diffuse, visible red, 5–1000 mm sensing distance, selectable light-on/dark-on, PNP, 1000 Hz switching frequency, IO-Link only, 304 stainless steel housing, 4-pin M12 quick-disconnect.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/ISTR-M18MP-NMS-A0>

Technical Specifications

Brand	Contrinex
Item	Photoelectric sensor
Shape	Tubular
Barrel Type	Threaded
Housing Size	18 mm diameter x 27 mm body
IP Rating	IP67
Application	Standard duty, IO-Link and smart output
Housing Material	304 stainless steel
Sensing Method	Diffuse
Operating Voltage	10–30 VDC
Number of Wires	4
Switching Output	PNP
Sensing Distance	5–1000 mm
Sensitivity	IO-Link only

Operation Mode	Selectable light-on/dark-on
Switching Frequency	1000 Hz
Light Emission	Visible red
IO-Link Compatible	Yes
Connection	4-pin M12 quick-disconnect
Communication Port and Connection Type(s)	(1) 4-pin M12 A-coded (IO-Link) port(s)
Port Protocol(s)	IO-Link Class A Device
Port Speed(s)	IO-Link COM2
IO-Link Version	IO-Link v1.1
Standard I/O Mode Supported	Yes
Includes	Mounting hardware
Additional Information	Purchase cable separately

Agency Approvals

UL Listed File #	NRKH.E239373
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/ISTR-M18MP-NMS-A0.pdf>
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