

# LLR-M12MA-NMS-603 Cut Sheet



Contrinex photoelectric sensor, tubular, threaded, chrome-plated brass housing, through-beam receiver, 0-10m sensing distance, 10-30 VDC operating voltage, complementary light-on/dark-on, PNP, 4-wire, 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/LLR-M12MA-NMS-603>

## Technical Specifications

<b>Brand</b>	Contrinex
<b>Item</b>	Photoelectric sensor
<b>Shape</b>	Tubular
<b>Barrel Type</b>	Threaded
<b>Housing Size</b>	12mm diameter x 60mm body
<b>IP Rating</b>	IP67
<b>Housing Material</b>	Chrome-plated brass
<b>Sensing Method</b>	Through-beam receiver
<b>Operating Voltage</b>	10-30 VDC
<b>Number of Wires</b>	4
<b>Switching Output</b>	PNP
<b>Sensing Distance</b>	0-10m
<b>Operation Mode</b>	Complementary light-on/dark-on

<b>Switching Frequency</b>	1 kHz
<b>IO-Link Compatible</b>	Yes
<b>Connection</b>	4-pin M12 quick-disconnect
<b>Communication Port and Connection Type(s)</b>	(1) 4-pin M12 A-coded (IO-Link) port(s)
<b>Port Protocol(s)</b>	IO-Link Class A Device
<b>Port Speed(s)</b>	IO-Link COM2
<b>IO-Link Version</b>	IO-Link v1.0
<b>Standard I/O Mode Supported</b>	Yes
<b>Includes</b>	Mounting hardware
<b>Additional Information</b>	Purchase cable separately

## Agency Approvals

<b>UL Listed File #</b>	E239373
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/LLR-M12MA-NMS-603.pdf>  
See store item page for other formats.