## DM3-0N-1H Cut Sheet





AutomationDirect photoelectric sensor, tubular, threaded, diffuse, infrared light emission, 100mm sensing distance, selectable light-on/dark-on, NPN, teach-in button, 400 Hz switching frequency, metal 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/DM3-0N-1H

## **Technical Specifications**

BrandAutomationDirectItemPhotoelectric sensorShapeTubularBarrel TypeThreadedHousing Size12mm diameter x 66mm bodyIP RatingIP67Housing MaterialMetalSensing MethodDiffuseOperating Voltage10-30 VDCNumber of Wires4Switching OutputNPNSensing Distance100mmSensitivityTeach-in buttonOperation ModeSelectable light-on/dark-onSwitching Frequency400 HzLight emissionInfraredConnection4-pin M12 quick-disconnectIncludesMounting hardwareAdditional InformationPurphase cable separately	·	
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IP Rating   IP67     Housing Material   Metal     Sensing Method   Diffuse     Operating Voltage   10-30 VDC     Number of Wires   4     Switching Output   NPN     Sensing Distance   100mm     Sensitivity   Teach-in button     Operation Mode   Selectable light-on/dark-on     Switching Frequency   400 Hz     Light emission   Infrared     Connection   4-pin M12 quick-disconnect     Includes   Mounting hardware	Barrel Type	Threaded
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Sensitivity   Teach-in button     Operation Mode   Selectable light-on/dark-on     Switching Frequency   400 Hz     Light emission   Infrared     Connection   4-pin M12 quick-disconnect     Includes   Mounting hardware	Switching Output	NPN
Operation Mode     Selectable light-on/dark-on       Switching Frequency     400 Hz       Light emission     Infrared       Connection     4-pin M12 quick-disconnect       Includes     Mounting hardware	Sensing Distance	100mm
Switching Frequency   400 Hz     Light emission   Infrared     Connection   4-pin M12 quick-disconnect     Includes   Mounting hardware	Sensitivity	Teach-in button
Light emission Infrared   Connection 4-pin M12 quick-disconnect   Includes Mounting hardware	Operation Mode	Selectable light-on/dark-on
Connection     4-pin M12 quick-disconnect       Includes     Mounting hardware	Switching Frequency	400 Hz
Includes Mounting hardware	Light emission	Infrared
	Connection	4-pin M12 quick-disconnect
Additional Information Purchase cable separately	Includes	Mounting hardware
Additional information a functional events cable separately	Additional Information	Purchase cable separately

## Agency Approvals

5 5 11	
UL Listed File #	E187310
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document