OMRON Industrial Automation



D40ML-P2-B-M12

RFID Magnetic Locking Safety Switch, Plastic, 900N, Basic Actuator Code, Pigtail w/M12 Connector

Specifications

Door switch type	RFID magnetic
Guard-lock	✔
Coding	Basic
Material housing	Plastic
Ambient temperature (operating)	-25-40 °C
Holding force	900 N
Door contacts NC	2
Door contacts NO	0
Lock monitor contacts NC	0
Lock monitor contacts NO	1
Lock/Release key type	Not Applicable
Solenoid voltage	24 V
LED indicator	✔
Connection method	M12 pigtail connector
Cable length	0.25 m
Degree of protection (IP)	IP67
Overall length of sensor	96 mm
Height of sensor	37 mm
Width of sensor	64 mm
Switch without actuator	✖
Lock/Release logic	Power to lock (Solenoid lock)

Accessories

	**D40ML-CBL-M12-10M**	Quick Disconnect Cable, 8-pin M12 to Flying Leads, PVC Jacket, 10 Meter Length
	**D40ML-CBL-M12-5M**	Quick Disconnect Cable, 8-pin M12 to Flying Leads, PVC Jacket, 5 Meter Length

Related products



M12 Connectors & Cordsets
Industrial connectors & cordsets for any application

Downloads

CAD file



D40ML RFID Magnetic Locking Safety Switches

Datasheet

EN PDF 434 KB



Machine Safety

Catalogue

EN PDF 9.91 MB



Safety Component Selection Guide EU

Brochure

EN PDF 5.26 MB



Safety Interlock Switches

Brochure

EN PDF 1.52 MB



Safety Solution Advanced Guide

Guide

EN PDF 2.57 MB



Safety Solution Basic Guide

Guide

EN PDF 14.4 MB

TERMS OF WEBSITE USE

This PDF document was created from the European OMRON Industrial Automation website on 4 November, 2026. Click here for terms of use.