OMRON Industrial Automation



D41D-2CD-025N2

Non-contact Interlock Switch, RFID High-coded, PNP, Test Pulse, Pigtail with M12 connector 8-pole

Specifications

Coding	Unique
Connection method	M12 pigtail connector
Degree of protection (IP)	IP65/IP67
Diagnostic LED	✔
Door contacts NC	2
Door contacts NO	1
Door switch type	Non-contact, RFID coded
Guard-lock	✖
High coding level	✔
LED indicator	✔
Material housing	PBT
Number of auxiliary outputs	1
Auxiliary monitoring output	PNP type, short-circuit proof
Cable exit direction	Bottom
Make before break	✖
Max. differential travel	20 %
Max. operating distance ON to OFF	18 mm
Min. operating distance OFF to ON	10 mm
Mounting method	M4 screws
Number of connectable switches	30 max. (wiring length: 100 m max.)
Number of OSSD	2
Output test pulses	✔
Output type	PNP

Shape	Rectangular compact
Switch without actuator	✔
Teaching limitation	✖
Vibration resistance	10 to 55 Hz, amplitude 1.0 mm

Accessories

	**D41D-A1**	Actuator for D41D, actuation from side, 2 x M4 screw, 39 x 29.5 x 18 mm
	**D41D-A2**	Actuator for D41D, frontal actuation, 2 x M5 screw, 60 x 16 x 6.8 mm
	**D41D-A3**	Actuator for D41D, frontal actuation, 1 x M3 screw, 23 x 9 x 7 mm

Downloads

CAD Library



D41 Series High-Coded Safety Door Switch

Brochure

EN PDF 5.38 MB



D41D High-Coded Non-Contact Safety Door Switch

Datasheet

EN PDF 1.65 MB



D41D for_EU

Instruction Manual

EN PDF 6.05 MB



D41D_EN

Instruction Manual

EN PDF 650 KB



Safety Interlock Switches

Brochure

EN PDF 1.52 MB

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