OMRON Industrial Automation



F3S-TGR-NMPC-21-M1J8

Non-contact door switch, miniature, coded, M12 connector, plastic, 2 NC+1 NO contacts

Specifications

Door switch type	Non-contact, Hall coded
Guard-lock	✖
Coding	Basic
Material housing	Polyester
Ambient temperature (operating)	-25-80 °C
Door contacts NC	2
Door contacts NO	1
LED indicator	✔
Connection method	M12 pigtail connector
Cable length	0.25 m
Cable exit direction	Left
Degree of protection (IP)	IP67
Output type	Transistor
Shape	Rectangular miniature
Overall length of sensor	41 mm
Height of sensor	13 mm
Width of sensor	26 mm
Switch without actuator	✖

Related products



M12 Connectors & Cordsets
Industrial connectors & cordsets for any application

Downloads

CAD file



F3S-TGR-N_C Hall Coded Non-contact Safety Switches
Datasheet
EN PDF 830 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.