OMRON Industrial Automation



F3S-TGR-NSPC-21-05

Non-contact door switch, coded, small plastic, 2NC+1NO, 5m cable

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	Cable
Cable length	5 m
Cable exit direction	Left
Degree of protection (IP)	IP69K
Output type	PNP
Shape	Rectangular small
Overall length of sensor	50 mm
Height of sensor	13 mm
Width of sensor	25.5 mm
Switch without actuator	✖

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.