

PSR-MIS-RL-A-N - Safety switch actuator



1533188

<https://www.phoenixcontact.com/in/products/1533188>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Non-contact safety switch, actuator, up to Cat. 4, PL e (EN ISO 13849), SIL 3 (EN IEC 62061), design 4 (EN ISO 14119), low encoding level, flat design



Product description

The PSR-MIS non-contact safety switches offer a cost-optimized safety solution. The safety switches in this series use the proven magnetic switching principle for monitoring of movable guards and are easy to install.

Your advantages

- Cost-optimized safety switch
- Tried-and-tested magnetic switching principle
- Flat design
- Standard actuator
- Spacer plates for mounting on ferrous material available as accessories

Commercial data

Item number	1533188
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DNA643
GTIN	4067923002920
Weight per piece (including packing)	53 g
Weight per piece (excluding packing)	36 g
Country of origin	DE

Technical data

Product properties

Product type	Safety switches
Product family	PSR-MIS
Technology	Magnetic
Application	Safety door monitoring
	Position monitoring
Design in accordance with EN ISO 14119	4
Encoding level in accordance with EN ISO 14119	low

Switching intervals (Actuation position frontal)

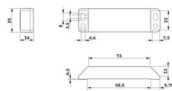
Actuation setting	1 (frontal), see the "Actuation positions and travel directions" section in the data sheet
Fused switching interval S_{ao}	3 mm
Fused power off interval S_{ar}	16 mm
Switching hysteresis	1.5 mm

Connection data

Conductor connection

Connection method	without
-------------------	---------

Dimensions

Dimensional drawing	
Width	88 mm
Height	25 mm
Depth	14 mm

Material specifications

Color (Housing)	traffic yellow (RAL 1023)
Housing material	PBT

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 75 °C (in combination with sensor type PSR-MIS-RL-S-NONO-... max. 55°C)
Ambient temperature (storage/transport)	-25 °C ... 75 °C
Maximum altitude	≤ 2000 m (Above sea level)
Shock	30g, 11 ms
Vibration (operation)	10 Hz ... 55 Hz

PSR-MIS-RL-A-N - Safety switch actuator



1533188

<https://www.phoenixcontact.com/in/products/1533188>

Mounting

Mounting type	not flush
Assembly note	Note EN ISO 14119
	max. tightening torque to secure: 1 Nm
Mounting position	any, sensor and actuator parallel to each other
Minimum distance	min. 50 mm (between two safety switching systems)

PSR-MIS-RL-A-N - Safety switch actuator

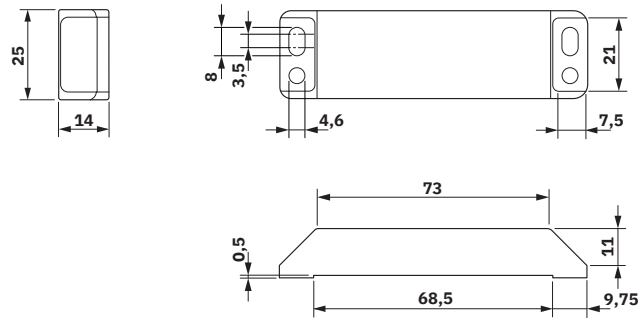
1533188

<https://www.phoenixcontact.com/in/products/1533188>



Drawings

Dimensional drawing



Dimensions (in mm)

PSR-MIS-RL-A-N - Safety switch actuator



1533188

<https://www.phoenixcontact.com/in/products/1533188>

Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/1533188>



ETLus

Approval ID: Industrial Component



cETL

Approval ID: Industrial component



Functional Safety

Approval ID: Z1002942900060Rev.00

PSR-MIS-RL-A-N - Safety switch actuator



1533188

<https://www.phoenixcontact.com/in/products/1533188>

Classifications

ECLASS

ECLASS-13.0	27274401
ECLASS-15.0	27274401

PSR-MIS-RL-A-N - Safety switch actuator



1533188

<https://www.phoenixcontact.com/in/products/1533188>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Not applicable, No electrical and electronic equipment (EEE), cannot be used in EEE
---	---

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT (I) Pvt. Ltd.

A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420

info@phoenixcontact.co.in