INDUSTRIAL COMPONENT DATA

PSR-CT-F-SEN-1-8 2702976 PHOENIX CONTACT Safety switch sensor

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-CT-F-SEN-1-8



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-CT-F-SEN-1-8
Catalog number	2702976
Category	Accessories/spare parts for sensor technology
Minimum order	1 Pcs
Document ID	EO-9EED23BD56
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Product Overview

Safety switch sensor
Non-contact safety switch up to cat. 4, PL e (EN ISO 13849), SIL 3 (IEC 61508), RFID-coded Fixcode sensor, construction type 4 (EN ISO 14119), manual or automatic start, integrated diagnostics, 24 V DC supply, IP69K, M12 connector

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Safety

Additional Product Information

Key Commercial Data
Orderkey 2702976
Packing unit 1 pc
GTIN 4055626447032
Weight per Piece (excluding packing) 41.300 g
Custom tariff number 85365019
Country of origin DE (Germany)
Dimensions
Dimensional drawing
Width 26.5 mm
Height 40 mm
Depth 18 mm
Ambient conditions

Ambient temperature (operation) -25 °C ... 55 °C
Ambient temperature (storage/transport) -40 °C ... 70 °C
Power supply
Supply voltage 24 V DC ±15 % (PELV, controlled, residual ripple
Current consumption max. 40 mA
Protection min. 0.25 A (to be performed externally)
max. 8 A (to be performed externally)
Alarm outputs
Designation DGN
Output description p-wired
Number of outputs 1
Short-circuit-proof yes
Output voltage min. (UB- 1.5 V (HIGH))
max. (UB(HIGH))
min. 0 V DC (LOW)
max. 1 V DC (LOW)
Current IDGN min. 1 mA
Safety outputs
Designation FO1A, FO1B
Output description Semiconductor outputs, p-wired
Number of outputs 2
Output voltage min. (UB- 1.5 V (HIGH FO1A, FO1B))
max. (UB(HIGH FO1A, FO1B))
min. 0 V DC (LOW FO1A/FO1B)
max. 1 V DC (LOW FO1A/FO1B)
Switching current min. 1 mA (per safety output)
max. 150 mA (per safety output)
Short-circuit-proof yes
Utilization category in accordance with IEC 60947-5-2 150 mA (24 V (DC13))
Note on protection circuit NOTE: Protect the outputs under inductive loads with a freewheeling diode.
Residual current <= 0.25 mA
Times
Switch-on delay typ. 5 s (after switching UBon)
Risk time according to EN 60947-5-3 max. 260 ms (Stand-alone device)
Delay time typ. 5 ms (Risk time delay....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-CT-F-SEN-1-8 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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