

## INDUSTRIAL COMPONENT DATA

# PSR-CT-M-SEN-1-8 2702975 PHOENIX CONTACT Safety switch sensor

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



|                 |                                               |
|-----------------|-----------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                               |
| MPN / Reference | PSR-CT-M-SEN-1-8                              |
| Catalog number  | 2702975                                       |
| Category        | Accessories/spare parts for sensor technology |
| Minimum order   | 1 Pcs                                         |
| Document ID     | EO-4ED279B1DB                                 |
| Generated       | 2026-08-03                                    |

## Product Overview

Safety switch sensor

Non-contact safety switch up to cat. 4, PL e (EN ISO 13849), SIL 3 (IEC 61508), RFID-coded multicode 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 2702975

Packing unit 1 pc

GTIN 4055626447025

Weight per Piece (excluding packing) 41.100 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  $\pm 15\%$  (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  $\leq 0.25$  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-M-SEN-1-8 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

**GLOBAL OFFICES**

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