

INDUSTRIAL COMPONENT DATA

SMSA2P03 CARLO GAVAZZI Selected parameters SYSTEM Safety HOUSING M18 OUTPUT 2 Normally Open MATERIAL Plastic..

Brand: CARLO GAVAZZI | Manufacturer Part Number: SMSA2P03



Manufacturer	CARLO GAVAZZI
MPN / Reference	SMSA2P03
Catalog number	10000
Category	Magnetic proximity switch
Minimum order	1 Pcs
Document ID	EO-62A4E27D4C
Generated	2026-08-05

Product Overview

Selected parameters SYSTEM Safety HOUSING M18 OUTPUT 2 Normally Open MATERIAL Plastic SENSING RANGE >10 to 20 mm Others HOUSING M18, Safety Cat. 4 CONTACT RATINGS 100VAC, 0.25A, 5VA SWITCHING DISTANCE 20 mm

Cylindrical Magnetic Safety Sensor for Category 4 Applications

Safety Magnetic sensor, M18 Plastic, 2m cable, Sn 16mm, Non-flush mount, Reed contact output, 2NO, Supply voltage 0-100VAC, Max output current 250 mA, Safety cat.4 EN954, PI e EN13849, Operating temperature -25C - +70C, IP67

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path CARLO GAVAZZI > Sensors > Magnetic and Safety Magnetic

Additional Product Information

Specifications

Switch ON distance16 mmSwitch OFF distance20 mmOutput typeReed switchMax switching current250 mAConnection typeCableHousing typeCylindrical, threaded barrelDegree of protectionIP67

ETIM for SMSA2P03 Sensors (EC002544)

Feature Name

Feature Value

Number of protected contact energized outputs (EF003952)

2

Type of actuation (EF006949)

Magnet

Type of electric connection (EF003961)

Cable

Type of switching output (EF003962)

Dry reed contact

Length of sensor (EF007334)

38 mm

Diameter sensor (EF007111)

18 mm

Construction type housing (EF004008)

Cylinder, screw-thread

Housing material (EF001596)

Plastic

Protected switch distance OFF (EF004011)

20 mm

Protected switch distance ON (EF004012)

16 mm

Performance level according to EN ISO 13849-1 (EF007399)

Level e

Max. output current at protected output (EF004035)

250 mA

Ambient temperature (EF002386)

-25 °C

Min. output current (EF004045)

0 mA

Rated supply voltage AC 50 Hz (EF007076)

0 V

Rated supply voltage AC 60 Hz (EF007077)

0 V

Voltage type (EF000187)

AC

Switching distance (EF003647)

16 mm

Suitable for safety functions (EF001597)

Yes

Degree of protection (IP) (EF005474)

IP67

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / SMSA2P03 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.