

INDUSTRIAL COMPONENT DATA

VPA2MNA-1 CARLO GAVAZZI Selected parameters SYSTEM Level HOUSING 3/8" pipe tread SENSING RANGE Contact CONNE..

Brand: CARLO GAVAZZI | Manufacturer Part Number: VPA2MNA-1



Manufacturer	CARLO GAVAZZI
MPN / Reference	VPA2MNA-1
Catalog number	10000
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-49E838D84B
Generated	2026-08-06

Product Overview

Selected parameters SYSTEM Level HOUSING 3/8" pipe tread SENSING RANGE Contact CONNECTION M12 plug DC OUTPUT DC NPN MATERIAL Metal Others SENSING RANGE Direct detection HOUSING 3/8" x 81,5 mm MATERIAL Stainless Steel

Optical level probe with modulated light, NPN output, NA/NC, Mat. Stainless Steel Case, Glass Head

Sensor for liquid level detection. High chemical resistance. Infrared light. Stainless steel AISI 303 housing. Ambient light 0 - 50.000 lux. NPN, NO+NC, 10-40 VDC, M12 plug. 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 > Photoelectric

Additional Product Information

Specifications

Rated operating distance0 mm ... 0 mmOutput typeNPNOutput functionChange-overConnection TypeConnector M12Housing typeCylindrical, threaded barrelHousing materialMetalType of emitted lightInfrared lightSensing modeLight/dark switchingDegree of protectionIP67Rated power supply10 V ... 40 V

ETIM for VPA2MNA-1 Sensors (EC001821)

Feature Name

Feature Value

Pre failure notice (EF004129)

No

With time function (EF003582)

No

Max. switching distance (EF007367)

0 mm

Max. output current (EF001315)

200 mA

Number of semiconductor outputs with signalling function (EF003945)

2

Number of protected semiconductor outputs (EF003951)

2

Type of electric connection (EF003961)

Connector M12

Type of switching output (EF003962)

NPN

Type of switch function (EF003963)

Change-over contact (NO/NC)

Construction type housing (EF004008)

Cylinder, screw-thread

Width sensor (EF007094)

27 mm

Diameter sensor (EF007111)

12.5 mm

Height of sensor (EF007283)

0 mm

Length of sensor (EF007334)

74 mm

Sensing mode (EF007503)

Light-/dark switching

Material of optical surface (EF004134)

Glass

Housing material (EF001596)

Metal

Max. output current at protected output (EF004035)

200 mA

Response time (EF004094)

16 ms

Switching frequency (EF003587)

30 Hz

Voltage type (EF000187)

DC

With monitoring function downstream switching devices (EF004052)

No

Wavelength of the sensor (EF004132)

0 nm

Type of light (EF004029)

Infrared light

Light dot (EF004030)

0 mm²

AWG-number (EF007010)

0

Material of cable sheath (EF004136)...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / VPA2MNA-1 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.