

INDUSTRIAL COMPONENT DATA

VPB1MNA CARLO GAVAZZI Selected parameters SYSTEM Level HOUSING 3/8" pipe tread SENSING RANGE Contact CONNECT..

Brand: CARLO GAVAZZI | Manufacturer Part Number: VPB1MNA



Manufacturer	CARLO GAVAZZI
MPN / Reference	VPB1MNA
Catalog number	10000
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-0198CA9424
Generated	2026-08-03

Product Overview

Selected parameters SYSTEM Level HOUSING 3/8" pipe tread SENSING RANGE Contact CONNECTION Cable OUTPUT DC NPN MATERIAL Metal Others SENSING RANGE Direct detection HOUSING 3/8" x 81,5 mm MATERIAL NPB Optical level probe with modulated light, NPN output, NA/NC, Mat. Niq Brass Box, Polysulfone Head Sensor for liquid level detection. High chemical resistance. Infrared light. Nickel plated brass housing. Ambient light 0 - 50.000 lux. NPN, NO+NC, 10-40 VDC, 2 m PVC Cable. 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 TypeCableHousing typeCylindrical, threaded barrelHousing materialMetalType of emitted lightInfrared lightSensing modeLight/dark switchingDegree of protectionIP67Rated power supply10 V ... 40 V
ETIM for VPB1MNA 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)
Cable
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)
Plastic
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)

Polyurethane (P...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / VPB1MNA 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.