

INDUSTRIAL COMPONENT DATA

VPB1MPA-1 CARLO GAVAZZI Selected parameters SYSTEM Level HOUSING 3/8" pipe tread SENSING RANGE Contact CONNE..

Brand: CARLO GAVAZZI | Manufacturer Part Number: VPB1MPA-1



Manufacturer	CARLO GAVAZZI
MPN / Reference	VPB1MPA-1
Catalog number	10000
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-257EBDDDB21
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Product Overview

Selected parameters SYSTEM Level HOUSING 3/8" pipe tread SENSING RANGE Contact CONNECTION M12 plug DC OUTPUT DC PNP MATERIAL Metal Others SENSING RANGE Direct detection HOUSING 3/8" x 81,5 mm MATERIAL NPB Optical level probe with modulated light, PNP 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. PNP, 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
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Additional Product Information

Specifications

Rated operating distance0 mm ... 0 mmOutput typePNPOutput functionChange-overConnection TypeConnector
M12Housing typeCylindrical, threaded barrelHousing materialMetalType of emitted lightInfrared lightSensing
modeLight/dark switchingDegree of protectionIP67Rated power supply10 V ... 40 V
ETIM for VPB1MPA-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)
PNP
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 (EF00413...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / VPB1MPA-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

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