

INDUSTRIAL COMPONENT DATA

VP02EPAX CARLO GAVAZZI Selected parameters SYSTEM Level HOUSING 3/8" pipe tread SENSING RANGE Contact CONNEC..

Brand: CARLO GAVAZZI | Manufacturer Part Number: VP02EPAX



Manufacturer	CARLO GAVAZZI
MPN / Reference	VP02EPAX
Catalog number	10000
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-2E8623B724
Generated	2026-08-05

Product Overview

Selected parameters SYSTEM Level HOUSING 3/8" pipe tread SENSING RANGE Contact CONNECTION Cable OUTPUT DC PNP MATERIAL Plastic Others SENSING RANGE Direct detection HOUSING 3/8" x 74 mm MATERIAL Polysulphone ADDITIONAL ATEX

Optical level probe with unmodulated light ATEX version, PNP output, NA, Mat. Polysulfone Box/Head ATEX sensor for liquid level detection. High chemical resistance. Infrared light. Polysulphone housing. Ambient light 0 - 100 lux. PNP, NO, 10-16.8 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 typePNPOutput functionNormally Open (NO)Connection TypeCableHousing typeCylindrical, threaded barrelHousing materialPlasticType of emitted lightInfrared lightSensing modeLight/dark switchingDegree of protectionIP67Rated power supply10 V ... 16.8 V

ETIM for VP02EPAX 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)

50 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)

PNP

Type of switch function (EF003963)

Normally open contact (NO)

Explosion safety category for gas (EF003997)

ATEX gas-ex-protection, Cat. 2G

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)

Plastic

Max. output current at protected output (EF004035)

50 mA

Response time (EF004094)

16 ms

Switching frequency (EF003587)

30 Hz

Type of safety according to IEC 61496-1 (EF004105)

1

Voltage type (EF000187)

DC

With monitoring function downstream switching devices (EF004052)

No

Wavelength of the sensor (EF004132)

0 nm

T...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / VP02EPAX 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.