

INDUSTRIAL COMPONENT DATA

PD86HAP12QPTF-01C CARLO GAVAZZI System: Retro-reflective, Polarized, Housing: rectangular, Sensing range: 6 ..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PD86HAP12QPTF-01C



Manufacturer	CARLO GAVAZZI
MPN / Reference	PD86HAP12QPTF-01C
Catalog number	10000
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-FC31C26E1F
Generated	2026-08-03

Product Overview

System: Retro-reflective, Polarized, Housing: rectangular, Sensing range: 6 ... 20 m, Connection: Terminals, Output: RELAY SPST, Material: Metal, Sensing range: 12 m, Housing: 86 x 44 x 39 mm, Material: ZAMAK - PMMA, Additional: Test input

Photocell reflection on mirror polarized for automatic doors, Lenses adjustable $\pm 4,5^\circ$

Polarized retro-reflective sensor, Range: 12000mm, Red light 620nm, Power Supply 12-24VAC/DC, Screw terminal connection, 44x86x39 mm housing

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

Output typeRelay contactOutput functionProgrammable/configurableConnection TypeScrew connectionHousing styleRectangularHousing MaterialMetalType of lightPolarized red lightSensing modeLight-/dark switchingDegree of protectionIP66Rated Operational voltage UB at DC10.2 V ... 28.8 V

ETIM for PD86HAP12QPTF-01C Sensors (EC002717)

Feature Name

Feature Value

Pre failure notice (EF004129)

Yes

With time function (EF003582)

No

Rated switching distance (EF008289)

12000 mm

Max. switching distance (EF007367)

12000 mm

Max. output current (EF001315)

1000 mA

With reflector (EF007448)

No

Analogue output 0 V ... 10 V (EF006807)

No

Analogue output 0 mA ... 20 mA (EF006808)

No

Analogue output 4 mA ... 20 mA (EF006810)

No

Analogue output -10 V ... +10 V (EF006809)

No

With other analogue output (EF007485)

No

Setting procedure (EF003994)

Other

With communication interface analogue (EF007305)

No

With communication interface AS-Interface (EF007306)

No

With communication interface CANOpen (EF007307)

No

With communication interface DeviceNet (EF007308)

No

With communication interface Ethernet (EF007309)

No

With communication interface INTERBUS (EF007310)

No

With communication interface PROFIBUS (EF007311)

No

With communication interface RS-232 (EF007312)

No

With communication interface RS-422 (EF007313)

No

With communication interface RS-485 (EF007314)

No

With communication interface SSD (EF007315)

No

With communication interface SSI (EF007316)

No

Number of semiconductor outputs with si...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PD86HAP12QPTF-01C 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.