

INDUSTRIAL COMPONENT DATA

PA18CRT16PAM1SA CARLO GAVAZZI Selected parameters SYSTEM Through-beam HOUSING M18 SENSING RANGE 6 ... 20 m C..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PA18CRT16PAM1SA



Manufacturer	CARLO GAVAZZI
MPN / Reference	PA18CRT16PAM1SA
Catalog number	10000
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
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Generated	2026-08-05

Product Overview

Selected parameters SYSTEM Through-beam HOUSING M18 SENSING RANGE 6 ... 20 m CONNECTION M12 plug DC
OUTPUT DC PNP MATERIAL Plastic Others SENSING RANGE 16 m HOUSING M18 x 54 mm MATERIAL ABS

Barrier photocell in plastic box, metric 18, DC

Through-beam Photoelectric Receiver, Radial, Range 16m, Infrared modulated light 850nm, Power Supply 10-30VDC, PNP
Output, NO and NC, Light and Dark Switching, Connector M12, IP69K, UL508, ECOLAB

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 distance16000 mmOutput typePNPOutput functionComplementary (NO+NC)Connection typeConnector
M12Housing typeCylindrical, threaded barrelHousing MaterialPlasticType of lightInfrared lightSensing modeLight-/dark
switchingDegree of protectionIP67Rated Operational voltage UB at DC10 V ... 30 V

ETIM for PA18CRT16PAM1SA Sensors (EC002716)

Feature Name

Feature Value

Scope of delivery of the one-way system (EF004032)

Receiver

Max. opening angle (EF002642)

3 °

Pre failure notice (EF004129)

No

With time function (EF003582)

No

Rated switching distance (EF008289)

16000 mm

Max. switching distance (EF007367)

16000 mm

Max. output current (EF001315)

100 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)

Manual adjustment

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 co...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PA18CRT16PAM1SA with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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