

INDUSTRIAL COMPONENT DATA

S142ARNT024 CARLO GAVAZZI Selected parameters SYSTEM Photo-Amplifier HOUSING rectangular SENSING RANGE Depen..

Brand: CARLO GAVAZZI | Manufacturer Part Number: S142ARNT024



Manufacturer	CARLO GAVAZZI
MPN / Reference	S142ARNT024
Catalog number	10000
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-03BD0C3C3C
Generated	2026-07-28

Product Overview

Selected parameters SYSTEM Photo-Amplifier HOUSING rectangular SENSING RANGE Dependend on sensor
CONNECTION Plug and Socket OUTPUT RELAY SPDT MATERIAL Plastic Others SENSING RANGE Up to 50 m
HOUSING 80 x 75 x 35 mm MATERIAL NORYL ADDITIONAL Test input

Amplifier relay for MOF series photocell, NPN output and test input, Power supply 24 VAC

Amplifier for Through Beam sensors, Range up to: 50000mm, Adjustable Sensitivity, Disgnostic Functions, Alignment help,
Power Supply : 24Vac, SPDT relay + NPN output, 11 pole Plug Connection, UL508, UL325, CSA, Test input

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 distance50000 mmOutput typeRelay contactOutput functionChange-over contact (NO/NC)Connection
typePlug-in connectionHousing typeRectangularHousing MaterialPlasticType of lightOtherSensing modeLight-/dark
switchingDegree of protectionIP20Rated Operational voltage UB at DC0 V ... 0 V

ETIM for S142ARNT024 Sensors (EC002716)

Feature Name

Feature Value

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

Transmitter and receiver

Max. opening angle (EF002642)

0 °

Pre failure notice (EF004129)

Yes

With time function (EF003582)

No

Rated switching distance (EF008289)

50000 mm

Max. switching distance (EF007367)

50000 mm

Max. output current (EF001315)

8000 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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / S142ARNT024 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.