

INDUSTRIAL COMPONENT DATA

S142BRNN230 CARLO GAVAZZI Selected parameters SYSTEM Photo-Amplifier HOUSING rectangular SENSING RANGE Depen..

Brand: CARLO GAVAZZI | Manufacturer Part Number: S142BRNN230



Manufacturer	CARLO GAVAZZI
MPN / Reference	S142BRNN230
Catalog number	10000
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-120768F98C
Generated	2026-07-29

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

MOF Series Photocell Amplifier Relay with Timer Option

Amplifier for Through Beam sensors, Range up to: 50000mm, Adjustable Sensitivity, Disgnostic Functions, Alignment help, Power Supply : 230 Vac, SPDT relay + NPN output, 11 pole Plug Connection, UL508, UL325, CSA, Alarm Output, Time Delay

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 S142BRNN230 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)

Yes

Rated switching distance (EF008289)

50000 mm

Max. switching distance (EF007367)

50000 mm

Max. output current (EF001315)

8000 mA

Setting procedure (EF003994)

Manual adjustment

Number of semiconductor outputs with signalling function (EF003945)

2

Number of contact energized outputs with signalling function (EF003946)

0

Number of protected semiconductor outputs (EF003951)

2

Number of protected contact energized outputs (EF003952)

2

Type of interface for safety communication (EF003956)

Other

Type of electric connection (EF003961)

Plug-in connection

Type of switching output (EF003962)

Relay contact

Type of switch function (EF003963)

Change-over contact (NO/NC)

Operation agent-safety class (EF003982)

Safety class 0

Explosion safety category for gas (EF003997)

None

Explosion safety category for dust (EF003998)

None

Construction type housing (EF004008)

Cuboid

Width sensor (EF007094)

35 mm

Diameter sensor (EF007111)

0 mm

Height of senso...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / S142BRNN230 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.