

## INDUSTRIAL COMPONENT DATA

# S142ARNT115 CARLO GAVAZZI Selected parameters SYSTEM Photo-Amplifier HOUSING rectangular SENSING RANGE Depen..

Brand: CARLO GAVAZZI | Manufacturer Part Number: S142ARNT115



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | CARLO GAVAZZI                     |
| MPN / Reference | S142ARNT115                       |
| Catalog number  | 10000                             |
| Category        | Through beam photoelectric sensor |
| Minimum order   | 1 Pcs                             |
| Document ID     | EO-3654C8B40B                     |
| Generated       | 2026-07-31                        |

## 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 115 VAC

Amplifier for Through Beam sensors, Range up to: 50000mm, Adjustable Sensitivity, Disgnostic Functions, Alignment help,  
Power Supply : 115 Vac, 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 S142ARNT115 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 / S142ARNT115 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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