

## INDUSTRIAL COMPONENT DATA

# FA1-N CARLO GAVAZZI System: Fiber Optic Amplifier, Connection: Cable, Wire: 3-wire, Function: To be used wit..

Brand: CARLO GAVAZZI | Manufacturer Part Number: FA1-N



|                 |                                                |
|-----------------|------------------------------------------------|
| Manufacturer    | CARLO GAVAZZI                                  |
| MPN / Reference | FA1-N                                          |
| Catalog number  | 10000                                          |
| Category        | Optical fibre sensor / optical fibre amplifier |
| Minimum order   | 1 Pcs                                          |
| Document ID     | EO-D98533BFA7                                  |
| Generated       | 2026-08-02                                     |

## Product Overview

System: Fiber Optic Amplifier, Connection: Cable, Wire: 3-wire, Function: To be used with fiber cable FUR FUT, Output: NPN NO&NC, Housing: 10 x 79 x 33 mm, Cable length: 2 m, Material: ABS  
Fiber Optic Sensor Amplifier, NPN Output, Box 10 x 33 x 80 mm.  
Fiber optic amplifier; double LED 4 digits display; NPN NO+NC output; adjustable sensitivity; selectable response time 200-5000us; 2m PVC cable; DIN rail mount; power supply 12-24Vdc; IP40

## 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 |
|--------------|---------------|

## Additional Product Information

ETIM for FA1-N Sensors (EC002651)

Feature Name

Feature Value

Number of semiconductor outputs with signalling function (EF003945)

1

Number of contact energized outputs with signalling function (EF003946)

0

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

Type of electric connection (EF003961)

Cable

Type of switching output (EF003962)

NPN

Type of switch function (EF003963)

Programmable/configurable

With blanking function (EF003968)

No

Operation agent-safety class (EF003982)

Safety class 0

Rated control supply voltage AC 50 Hz (EF003978)

0 V

Rated control supply voltage AC 60 Hz (EF003979)

0 V

Rated control supply voltage DC (EF003980)

12 V

Voltage type (EF000187)

DC

Width amplifier (EF007095)

10 mm

Height amplifier (EF007284)

33 mm

Length amplifier (EF007335)

79.35 mm

Diameter sensor (EF007111)

0 mm

Indication (EF000350)

Digital

Setting procedure (EF003994)

Manual adjustment

Construction type housing (EF004008)

Cuboid

Laser protection class (EF004027)

Other

No-load current (EF004028)

0 mA

Type of light (EF004029)

Polarized red light

Max. output current (EF001315)

100 mA

Nominal operating distance (EF004059)

0 mm

Switching frequency (EF003587)

2500 Hz

Degree of protection (IP) (EF005474)

IP40

Ambient temperature (EF002386)

0 °C

Housing material (EF001596)

Plastic

Material of cable sheath (EF004136)

Polyvinyl chloride (PVC)

Material fibre optics core....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / FA1-N 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

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

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