

**INDUSTRIAL COMPONENT DATA**

# AXL F SGI2 1H 2702911 PHOENIX CONTACT I/O module

Brand: PHOENIX CONTACT | Manufacturer Part Number: AXL F SGI2 1H



|                 |                                                    |
|-----------------|----------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                    |
| MPN / Reference | AXL F SGI2 1H                                      |
| Catalog number  | 2702911                                            |
| Category        | Fieldbus, decentr. periphery - analogue I/O module |
| Minimum order   | 1 Pcs                                              |
| Document ID     | EO-E8787FAA7F                                      |
| Generated       | 2026-08-01                                         |

## Product Overview

I/O module

AxiolineF, Extensometer logging module, transmission rate on local bus: 100 MBit/s, protection rating: IP20, including bus socket module and AxiolineF connectors

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                       |
|--------------|-----------------------|
| Catalog path | PHOENIX CONTACT > I/O |
|--------------|-----------------------|

## Additional Product Information

Key Commercial Data

Orderkey 2702911

Packing unit 1 pc

GTIN 4055626459288

Weight per Piece (excluding packing) 187.700 g

Custom tariff number 85389091

Country of origin DE (Germany)

Dimensions

Dimensional drawing

Width 35 mm

Height 126.1 mm

Depth 54 mm

Note on dimensions The depth is valid when a TH 35-7,5 DIN rail is used (according to EN 60715).

Ambient conditions

Ambient temperature (operation) -25 °C ... 60 °C  
Ambient temperature (storage/transport) -40 °C ... 85 °C  
Permissible humidity (operation) 5 % ... 95 % (non-condensing)  
Permissible humidity (storage/transport) 5 % ... 95 % (non-condensing)  
Air pressure (operation) 70 kPa ... 106 kPa (up to 3000 m above sea level)  
Air pressure (storage/transport) 70 kPa ... 106 kPa (up to 3000 m above sea level)  
Degree of protection IP20  
General  
Mounting type DIN rail  
Net weight 187.7 g  
Note on weight specifications with connectors and bus base module  
Operating mode Process data mode with 6 words  
Interfaces  
Designation Axioline F local bus  
No. of channels 2  
Connection method Bus base module  
Transmission speed 100 Mbps  
Axioline potentials  
Designation Axioline F local bus supply (UBus)  
Supply voltage 5 V DC (via bus base module)  
Current consumption typ. 65 mA  
max. 75 mA  
Power consumption typ. 325 mW  
max. 375 mW  
Designation Supply for analog modules (UA)  
Supply voltage 24 V DC  
Supply voltage range 19.2 V DC ... 30 V DC (including all tolerances, including ripple)  
Current consumption typ. 25 mA (with typical load: 1 weighing cell with...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AXL F SGI2 1H 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

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.