INDUSTRIAL COMPONENT DATA

AXL F RTD8 1F 2688077 PHOENIX CONTACT I/O module

Brand: PHOENIX CONTACT | Manufacturer Part Number: AXL F RTD8 1F



Manufacturer	PHOENIX CONTACT
MPN / Reference	AXL F RTD8 1F
Catalog number	2688077
Category	Fieldbus, decentr. periphery - analogue I/O module
Minimum order	1 Pcs
Document ID	EO-D447ED12BA
Generated	2026-11-18

Product Overview

I/O module
AxiolineF, Temperature recording module, Analogue inputs: 8 (for resistive temperature sensors), connection technology: 2, 3, 4 conductors (shielded), 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 2688077
Packing unit 1 pc
Catalog page Page 118 (C-6-2017)
GTIN 4046356501453
Weight per Piece (excluding packing) 241.300 g
Custom tariff number 85389091
Country of origin DE (Germany)
Dimensions
Dimensional drawing
Caption Dimensional drawing
Width 53.6 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
Connection data
Designation Axioline F connector
Connection method Push-in connection
Note on the connection method Please observe the information provided on conductor cross sections in the “Axioline F: system and installation” user manual.
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 1.5 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 1.5 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 16
Stripping length 8 mm
General
Mounting type DIN rail
Net weight 241.3 g
Note on weight specifications with connectors and bus base module
Interfaces
De...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AXL F RTD8 1F 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.