

INDUSTRIAL COMPONENT DATA

IB IL RTD 4/PT1000-ECO 2702501 PHOENIX CONTACT Inline terminal

Brand: PHOENIX CONTACT | Manufacturer Part Number: IB IL RTD 4/PT1000-ECO



Manufacturer	PHOENIX CONTACT
MPN / Reference	IB IL RTD 4/PT1000-ECO
Catalog number	2702501
Category	Fieldbus, decentr. periphery - analogue I/O module
Minimum order	1 Pcs
Document ID	EO-8BCE077A69
Generated	2026-08-06

Product Overview

Inline terminal

Inline, Temperature recording module, Analog RTD inputs: 4 (Pt1000), connection technology: 2 conductors, transmission speed on the local bus: 500 kBit/s, protection index: IP20, Inline connector included

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 2702501

Packing unit 1 pc

Catalog page Page 143 (C-6-2017)

GTIN 4055626206035

Weight per Piece (excluding packing) 83.500 g

Custom tariff number 85389091

Country of origin DE (Germany)

Note

Utilization restriction 1

Dimensions

Dimensional drawing

Width 12.2 mm

Height 119.8 mm

Depth 71.5 mm

Ambient conditions

Ambient temperature (operation) 0 °C ... 55 °C

Ambient temperature (storage/transport) -25 °C ... 85 °C

Permissible humidity (operation) 10 % ... 95 % (according to DIN EN 61131-2)

Permissible humidity (storage/transport) 10 % ... 95 % (according to DIN EN 61131-2)

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 83.5 g

Note on weight specifications with connector

Diagnostics messages Failure of the internal I/O supply I/O error message sent to the bus coupler

Checksum error I/O error message sent to the bus coupler

Interfaces

Designation Inline local bus

No. of channels 2

Connection method Inline data jumper

Transmission speed 500 kbps

Inline potentials

Designation Communications power (UL)

Supply voltage 7.5 V DC (via voltage jumper)

Current consumption typ. 56 mA

max. 85 mA

Designation Supply of analog modules (UANA)

Supply voltage 24 V DC (via voltage jumper)

Supply voltage range 19.2 V DC ... 30 V DC (including all tolerances, including ripple)

Current consumption...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IB IL RTD 4/PT1000-ECO 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.