INDUSTRIAL COMPONENT DATA

FLK 14/16/EZ-DR/HF/ 200/S7 2296948 PHOENIX CONTACT Cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: FLK 14/16/EZ-DR/HF/ 200/S7



Manufacturer	PHOENIX CONTACT
MPN / Reference	FLK 14/16/EZ-DR/HF/ 200/S7
Catalog number	2296948
Category	PLC connection cable
Minimum order	1 Pcs
Document ID	EO-62A8D0DCF5
Generated	2026-11-19

Product Overview

Cable
Halogen-free round cable; control: SIMATIC® TOP connect; Connection 1: Female IDC/FLK connection (1x 16-poles); Connection 2: IDC/FLK Connection Female (1x 14-pole); Cable length: 2 m
Assembled, halogen-free round cable; controller: SIMATIC® TOP connect; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 14-position); cable length: 2 m

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 > INTERFACE Components (IF)

Additional Product Information

Technical dataProduct propertiesProduct type System cable
Data management status
Article revision 04
Environmental and real-life conditionsAmbient conditions
Degree of protection IP00
Degree of protection (Installation location) >= IP54 (Installation location)
Ambient temperature (operation) -40 °C ... 70 °C (fixed installation)
-10 °C ... 70 °C (flexible installation)
Ambient temperature (storage/transport) -40 °C ... 80 °C
Altitude <= 2000 m
Electrical propertiesOperating voltage (AC) <= 30 V AC

Operating voltage (DC) <= 60 V DC
Nominal operating mode 100% operating factor
Current (Per path, 50°C) <= 1 A (Uncoiled, see derating)
Current (Per path, 70°C) <= 0.6 A (Uncoiled, see derating)
Cable/lineCable length 2 m
Number of positions 14
Shielded no
Conductor type Assembled, halogen-free round cable
Conductor structure signal line 7x 0.16 mm
AWG signal line 26
Conductor cross section 14x 0.14 mm²
Wire diameter incl. insulation 1 mm ±0.03 mm
External cable diameter 5.80 mm ±0.4 mm
Outer sheath, material halogen-free (type 2)
External sheath, color gray
Conductor material Tin-plated Cu litz wires
Cable resistance <= 145 ?/km (20 °C)
Insulation resistance >= 20 M?*km (20 °C)
Smallest bending radius, fixed installation 50 mm
Smallest bending radius, movable installation 93 mm
Dynamic load capacity (bending) Max. bending cycles: 5000 (at a radius of >= 15x outside diameter)
Halogen-free yes
Flame resistance IEC 60332-1-2 (raw cable)
VDE 0842, Part 332-1-2 (raw cable)
IEC 60332-3-22 (raw c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FLK 14/16/EZ-DR/HF/ 200/S7 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.