INDUSTRIAL COMPONENT DATA

FKC 2,5/ 2-ST BD:R2.4SO 1401817 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: FKC 2,5/ 2-ST BD:R2.4SO

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	FKC 2,5/ 2-ST BD:R2.4SO
Catalog number	1401817
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-AFE8502D20
Generated	2026-11-19

Product Overview

Sensor/actuator cable

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 > Industrial Field Connectivity (IFC)

Additional Product Information

Key Commercial Data
Orderkey 1401817
Packing unit 1
GTIN 4046356573962
Custom tariff number 85444290
Dimensions
Length of cable 3 m
Ambient conditions
Degree of protection IP65
IP67
IP68
General
Rated voltage 30 V AC
30 V DC
Number of positions 8

Insulation resistance >= 100 M?
Coding A - standard
Status display No
Overvoltage category II
Degree of pollution 3
Material
Flammability rating according to UL 94 HB
Contact material CuZn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Zinc die-cast, nickel-plated
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y
UL AWM style 20549 / 10493 (80°C/300 V)
Conductor cross section 8x 0.25 mm²
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm ±0.02 mm
Thickness, insulation >= 0.21 mm
Wire colors white, brown, green, yellow, gray, pink, blue, red
Overall twist 8 wires around filler to the core
External sheath, color black-gray RAL 7021
Outer sheath thickness approx. 0.8 mm
External cable diameter D 5.9 mm ±0.15 mm
Minimum bending radius, fixed installation 8 x D
Minimum bending radius, flexible installation 10 x D
Number of bending cycles 4000000
Bending radius 59 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Cable weight 46 kg/km
Outer sheath, material PU...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FKC 2,5/ 2-ST BD:R2.4SO 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

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