

INDUSTRIAL COMPONENT DATA

MSTBT 2,5/ 2-ST YE NZ158 1402419 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBT 2,5/ 2-ST YE NZ158



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTBT 2,5/ 2-ST YE NZ158
Catalog number	1402419
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
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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 1402419

Packing unit 1

GTIN 4046356615402

Custom tariff number 85444290

Dimensions

Length of cable 0.2 m

Ambient conditions

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 1.5 A

Rated voltage 48 V AC

60 V DC

Number of positions 6
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-HF
UL AWM style 20549
Conductor cross section $3 \times 0.25 \text{ mm}^2$
AWG signal line 24
Conductor structure signal line $32 \times 0.10 \text{ mm}$
Core diameter including insulation $1.17 \text{ mm} \pm 0.02 \text{ mm}$
Thickness, insulation $\geq 0.21 \text{ mm}$ (Core insulation)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
Length of twist, overall twist 40 mm
External sheath, color black-gray RAL 7021
Outer sheath thickness approx. 0.5 mm
External cable diameter $D 3.6 \text{ mm} \pm 0.15 \text{ mm}$
Smallest bending radius, fixed installation 18 mm
Smallest bending radius, movable installation 36 mm
Number of bending cycles 10000000
Bending radius 44 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s^2
Cable weight 18 kg/km
Outer sheath, material PUR
Material c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBT 2,5/ 2-ST YE NZ158 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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