

INDUSTRIAL COMPONENT DATA

XS2W-D421-C81-F XS2W0100R XS2WD421C81F OMRON

Cable M12 Straight/straight 4h 1m M12 Robot Retardant

Brand: OMRON | Manufacturer Part Number: XS2W-D421-C81-F



Manufacturer	OMRON
MPN / Reference	XS2W-D421-C81-F
Catalog number	XS2WD421C81F
Category	Sensor-actuator patch cord
Minimum order	8 Pcs
Document ID	EO-FFB0FD7748
Generated	2026-08-06

Product Overview

Cable M12 Straight/straight 4h 1m M12 Robot Retardant

Cable with connectors on both cable ends, M12 straight socket (female), M12 straight plug (male), 4-poles, A coded, PVC fire-retardant robot cable, IP

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	OMRON > Proximity Sensors > Accessories
--------------	---

Additional Product Information

UsageExtension cableConnector 1M12 straight socketConnector 2M12 straight plugNumber of pin contact4Cable specificationsPVCCable length1 mFeaturesFire retardant, RoboticColorGreyColor coverGreyMaterial nutBrassLED indicator

ETIM for 149606 Sensors (EC001855)

Feature Name

Feature Value

Type of electrical connection, field-sided (EF005525)

M12

Cable type (EF000081)

Multi-core

Colour cable sheath (EF008249)

Grey

Degree of protection (IP) (EF005474)

IP67

Type of plug-in contact, field sided (EF006269)

Female (bus)

Positioning cable feed, field-sided (EF005928)

Straight

Material of contact surface (EF004020)

Gold

Material contact body (EF008248)

Other

Type of plug-in contact, box-sided (EF008386)

Male (plug)

Positioning cable feed, box-sided (EF005927)

Straight

Material of cable sheath (EF004136)

Other

Type of electrical connection, box-sided (EF005524)

M12

Screened (EF000881)

No

Halogen free (EF000025)

No

Vulcanize (EF004115)

No

With LED indication (EF005950)

No

Continuity resistance (EF003992)

40 mOhm

Rated voltage (EF000228)

250 V

Cable length (EF000536)

1 m

Rated current I_n (EF008250)

4 A

Number of poles (EF001391)

4

Permitted cable outer temperature after assembling without vibration (EF001686)

-25 °C

Permitted cable outer temperature during assembling/handling (EF001685)

-25 °C

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / XS2W-D421-C81-F 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.