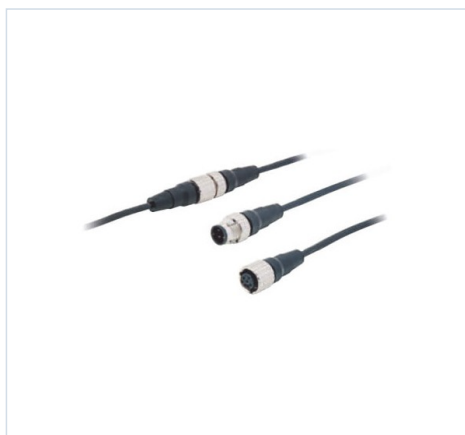


INDUSTRIAL COMPONENT DATA

XS5WR-D425-G81-RB1 XS5W0401G XS5WRD425G81RB1 OMRON Cable M12 4 female straight/straight PUR Resistant to oil..

Brand: OMRON | Manufacturer Part Number: XS5WR-D425-G81-RB1



Manufacturer	OMRON
MPN / Reference	XS5WR-D425-G81-RB1
Catalog number	XS5WRD425G81RB1
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-D39EF65DFB
Generated	2026-08-06

Product Overview

Cable M12 4 female straight/straight PUR Resistant to oil 5m

Cable with connectors on both cable ends, Smartclick M12 straight socket (female), Smartclick M12 straight plug (male), 4-poles, A coded,, PA oil-resi

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
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Additional Product Information

FeaturesSmartclick Oil-resistance Connectors with Improved Oil Resistance

Smartclick Oil-resistance Connectors with Improved Oil Resistance

Fluororesin Cable That Withstands Cutting Oil

Structured to provide greater oil resistance

A newly developed lock mechanism that is compatible with round M12 connectors

Insert the connector and turn approx. 1/8 turn to complete the connection and block the infiltration of oil

A positive click indicates locking

IP67G degree of protection

Ordering information

Socket on One Cable End

Type

Cable outer diameter (mm)

No. of conductors

Cable length (m)

Order code

Socket on One Cable End

4 dia.

4

2

XS5FR-D423-D80-RB1

5

XS5FR-D423-G80-RB1

Socket and Plug on Cable Ends

Type

Cable outer diameter (mm)

No. of conductors

Cable length (m)

Order code

Socket and Plug on Cable Ends

4 dia.

4

2

XS5WR-D425-D81-RB1

5

XS5WR-D425-G81-RB1

Ratings and Specifications

Item

XS5FR-D423-__

XS5WR-D425-__

Rated current

1 A for 4-mm dia. (AWG24)

Rated voltage

30 VDC

Contact resistance (connector)

40 m Ω max. (20 mV max., 10 mA max.)

Insulation resistance

1,000 m Ω min. (at 500 VDC)

Dielectric strength (connector)

1,500 VAC for 1 min (leakage current: 1 mA max.)

Degree of protection

IP67 (IEC 60529) and IP67G (JIS C0920 Annex 1)1

Insertion tolerance

50 times min.

Lock strength

Tensile: 100 N/15 s, Torsion: 1 N · m/15 s

Cable holding strength

Tensile: 100 N/15 s

Lock operating force

0.1 to 25 N · m

Ambient operating temperature range

0 to 55°C

Ambient humidity range

20% to 85%...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / XS5WR-D425-G81-RB1 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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