

INDUSTRIAL COMPONENT DATA

XS2F-D421-GC0-F XS2F0571C XS2FD421GC0F OMRON

Sensor cable, M12 straight socket (female), 4-poles, 3-wires (1..

Brand: OMRON | Manufacturer Part Number: XS2F-D421-GC0-F



Manufacturer	OMRON
MPN / Reference	XS2F-D421-GC0-F
Catalog number	XS2FD421GC0F
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-E10F1890C8
Generated	2026-08-06

Product Overview

Sensor cable, M12 straight socket (female), 4-poles, 3-wires (1 - 3 - 4), A coded, PVC fire-retardant robot cable, IP67, 5 m

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

Specifications

Usage Cable with connector

Connector 1 M12 straight socket

Connector 2 Open ends

Number of pin contact 4

Cable specifications PVC

Cable length 5 m

Features Fire retardant, Robotic

Color Grey

Color cover Grey

Material nut Brass

LED indicator

ETIM for 374507 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)	
CuZn	
Positioning cable feed, box-sided (EF005927)	
Other	
Material of cable sheath (EF004136)	
Polyvinyl chloride (PVC)	
Type of electrical connection, box-sided (EF005524)	
Free conductor end	
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)	
5 m	
Rated current In (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 / XS2F-D421-GC0-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.