INDUSTRIAL COMPONENT DATA

SACC-DSI-M12FSS-4P-M16/0,5PEMV 1425828 PHOENIX CONTACT Flush-type connector, Power, 4-position, Socket, M12,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-DSI-M12FSS-4P-M16/0,5PEMV



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-DSI-M12FSS-4P-M16/0,5PEMV
Catalog number	1425828
Category	Circular connector, mounting (with cable)
Minimum order	50 Pcs
Document ID	EO-9DC86F2CA9
Generated	2026-11-19

Product Overview

Flush-type connector, Power, 4-position, Socket, M12, S power, Rear mounting, M16 x 1.5, Individual wires, UL/cUL stranded hook-up wire
Conect. plug. to be apar. Wall Poster., Power, 4-Pole, Connecting Female, M12, S - Power, Rear Mount, M16 x 1.5, Single Stranded Wires, UL/cUL Switching Twisted Wire, RoHS II Alternative Product Without Exception 6c (Pb< 0.1%) 1239560

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 > Field Device Connectors (FDC)

Additional Product Information

Key Commercial Data
Orderkey 1425828
Packing unit 1
GTIN 4055626429496
Custom tariff number 85444290
Drawings
Ambient conditions
Material
Standards and Regulations
Classifications

Dimensions
General
Connection data
Environmental Product Compliance
Drawings
Dimensional drawing
M12 flush-type socket
Circuit diagram
Contact assignment of the M12 socket
Schematic diagram
Pin assignment of M12 socket, 4-pos., S-coded, socket side view
Back to topDimensions
Fixed cable length 0.5
Back to topAmbient conditions
Ambient temperature (operation) -25 ... -85 (Plug / socket)
Back to topGeneral
Standards/regulations M12 connector In line with
Design Pin
Tightening torque nut 3 Nm ... 4 Nm (M12 connector)
Insertion/withdrawal cycles > 100
Overvoltage category III
Mounting type Rear mounting
Coding S power
Thread type M16 x 1.5
Cable cross section 1.31
AWG signal line 16
Rated surge voltage 6 kV AC
Degree of pollution 3
Degree of protection IP67
Number of positions 4
Current 12 A
Voltage 630 V
Back to topMaterial
Contact material CuZn
Contact surface material Au
Flammability rating according to UL 94 V0
Back to topConnection data
Connection method Individual wires
Contact resistance with connected conductor <= 3 m?
Cable type UL/cUL stranded hook-up wire
Back to topStandards and Regulations
Standards/specifications M12 connector In line with
Flame resistance in acc. to UL 1581 VW1
Halogen-free yes
Flammability rating according to UL 94 V0
Safety note WARNING: The connectors may not be plugge...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-DSI-M12FSS-4P-M16/0,5PEMV 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.