

INDUSTRIAL COMPONENT DATA

SACC-BP-F-M12/M16-6-SMD PPI 1454492 PHOENIX CONTACT

Cable gland for housing, Female connection, M12-Internal..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-BP-F-M12/M16-6-SMD PPI



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-BP-F-M12/M16-6-SMD PPI
Catalog number	1454492
Category	Housing for circular connectors
Minimum order	20 Pcs
Document ID	EO-7AC41F185E
Generated	2026-08-05

Product Overview

Cable gland for housing, Female connection, M12-Internal Push-Pull lock, Rear wall mounting, SMD

Housing cable glands

Housing screw connection, Socket, M12-Push-Pull, Rear mounting, SMD

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

Technical dataNotesGeneral The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.

General Lock nut is included in the scope of delivery

Product propertiesProduct type Panel mounting base

Thread type M12

Connection dataConnection method SMD

Cross section AWG (converted acc. to IEC)

Material specificationsMaterial Brass, nickel-plated

Seal material FKM

FKM

Material for screw connection Brass, nickel-plated

ConnectorConnection 1

Head design Socket

Head thread type M12

Head locking type Push-Pull

Mechanical propertiesMechanical data

Insertion/withdrawal cycles > 100

Environmental and real-life conditionsAmbient conditions

Degree of protection (when plugged in) IP65/IP67 (correctly plugged in and locked)

Degree of protection IP65/IP67 (correctly plugged in and locked)

IP67, when in locked state

IP65, when in locked state

Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)

-40 °C ... 85 °C (without mechanical actuation)

Standards and regulationsM12

Standard designation M12 connector

Standards/specifications IEC 61076-2-010

Note In line with

MountingMounting type Rear mounting Spacing between the top edge of the PCB and the back of the front plate: 6 mm

Assembly instructions Spacing between...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-BP-F-M12/M16-6-SMD PPI 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 PI #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.