

Y distributor - SAC-5PY-F/2XM VP SH - 1419946

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Y distributor, 5-position, shielded, Socket straight M12 SPEEDCON, A-coded, on Plug straight M12 SPEEDCON, A-coded and Plug straight M12 SPEEDCON, A-coded



Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	44.0 GRM
Custom tariff number	85444290
Country of origin	Poland

Technical data

Dimensions

Center distance	21 mm
-----------------	-------

Ambient conditions

Ambient temperature (operation)	-25 °C ... 90 °C
Degree of protection	IP65
	IP67

General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	II

Y distributor - SAC-5PY-F/2XM VP SH - 1419946

Technical data

General

Pollution degree	3
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 connector)

Material

Inflammability class according to UL 94	HB
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27260708
eCl@ss 7.0	27440312
eCl@ss 8.0	27440312

ETIM

ETIM 2.0	EC000830
ETIM 3.0	EC001855
ETIM 4.0	EC002641
ETIM 5.0	EC002641

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Y distributor - SAC-5PY-F/2XM VP SH - 1419946

Approvals

Approvals

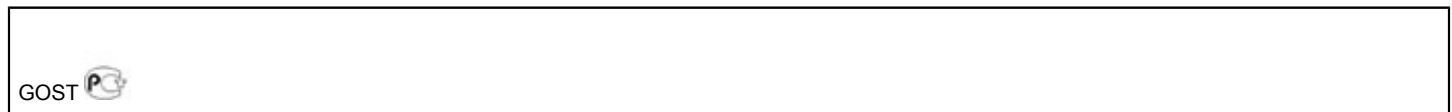
Approvals

GOST

Ex Approvals

Approvals submitted

Approval details



Accessories

Accessories

Protective cap

Screw plug - PROT-M12 SH - 1503302



An M12 screw plug for the unoccupied M12 sockets of the shielded sensor/actuator cable, boxes and flush-type connectors

Sealing cap - PROT-M12 FS-M - 1430488



M12 metal sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

Screwdriver tools

Y distributor - SAC-5PY-F/2XM VP SH - 1419946

Accessories

Tool - SAC BIT M12-D15 - 1208432



Nut for assembling sensor/actuator cables with M12 connector and for M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive

Torque tool

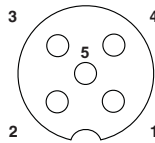
Torque screwdriver - TSD 04 SAC - 1208429



Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

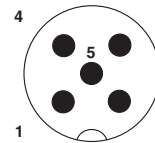
Drawings

Schematic diagram



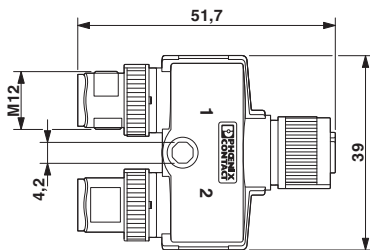
Pin assignment M12 socket, 5-pos.

Schematic diagram



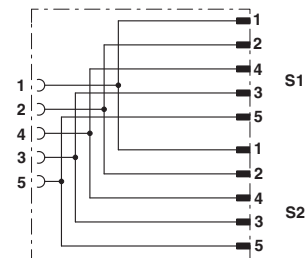
Pin assignment M12 male connector, 5-pos.

Dimensioned drawing



M12 Y distributor

Circuit diagram



Contact assignment of the M12 Y distributor