

Y distributor - SAC-4PY-MT/2XFT VP - 1410632

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://phoenixcontact.com/download>)




Y distributor, 4-position, Plug straight M12, coding: T, on Socket straight M12, coding: T and Socket straight M12, coding: T, For direct current up to 12 A/63 V

Your advantages

- ✓ High-performance: DC connectors for up to 12 A and 63 V DC
- ✓ Protection against incorrect connection using special T-coding

RoHS

Key Commercial Data

Packing unit	5 pc
GTIN	 4 046356 924726
GTIN	4046356924726

Technical data

Dimensions

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

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP65
	IP67

General

Rated current at 40 °C	2x 12 A (at 40 °C)
Rated voltage	63 V DC
Number of positions	4
Color handle area	black
Insulation resistance	≥ 100 MΩ
Coding	T power
Standards/regulations	M12 connector IEC 61076-2-111

Y distributor - SAC-4PY-MT/2XFT VP - 1410632

Technical data

General

Status display	No
Overvoltage category	III
Degree of pollution	3
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 connector)

Material

Flammability rating according to UL 94	HB
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, nickel-plated

Standards and Regulations

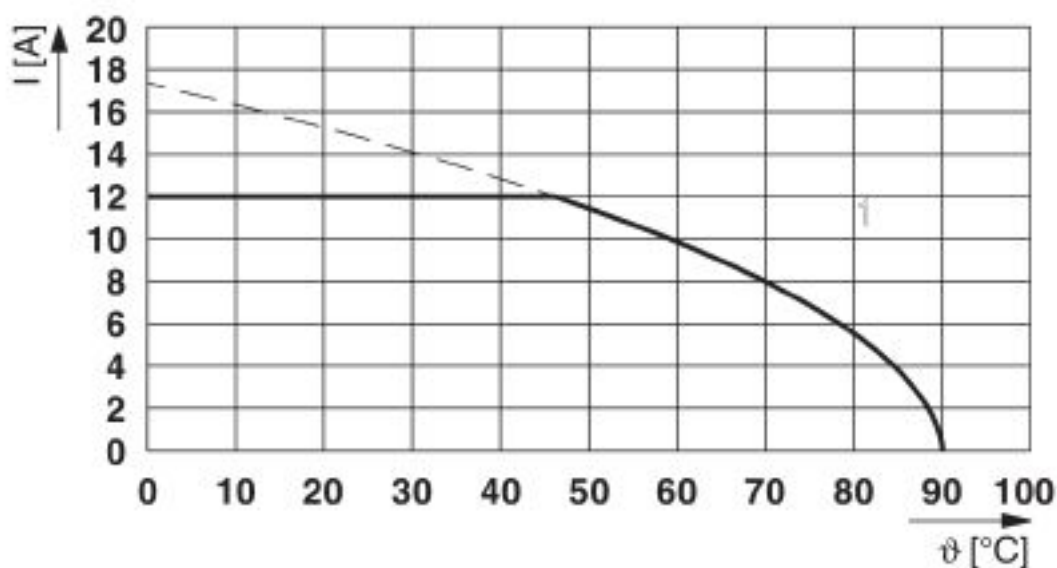
Standards/specifications	M12 connector IEC 61076-2-111
Flammability rating according to UL 94	HB

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Drawings

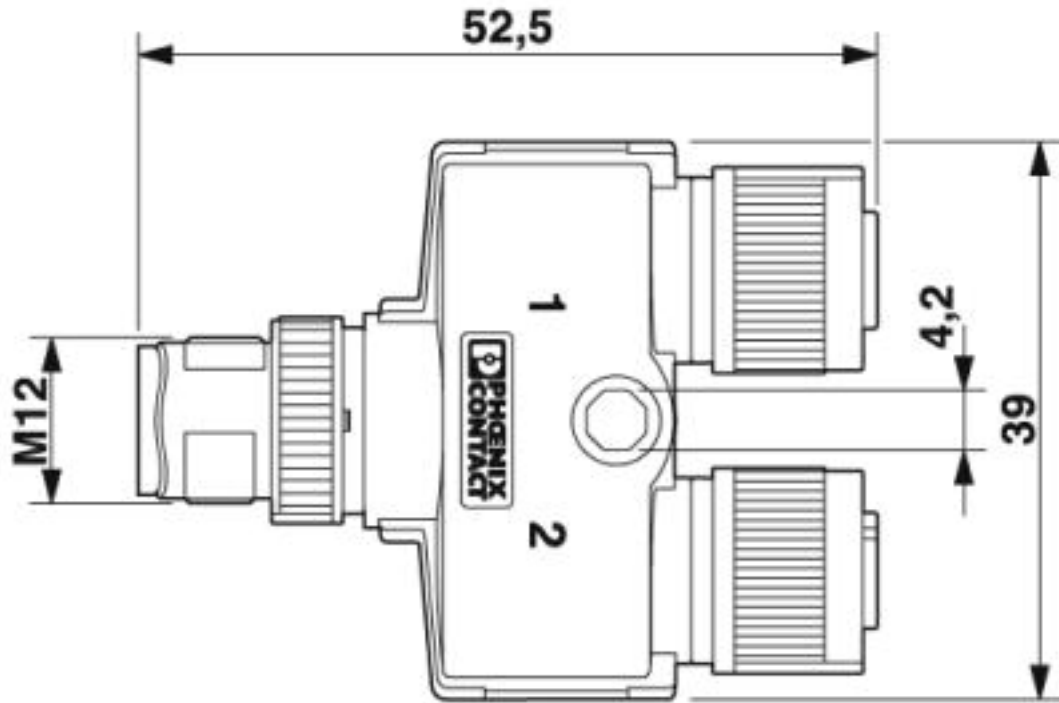
Diagram



Current carrying capacity

Y distributor - SAC-4PY-MT/2XFT VP - 1410632

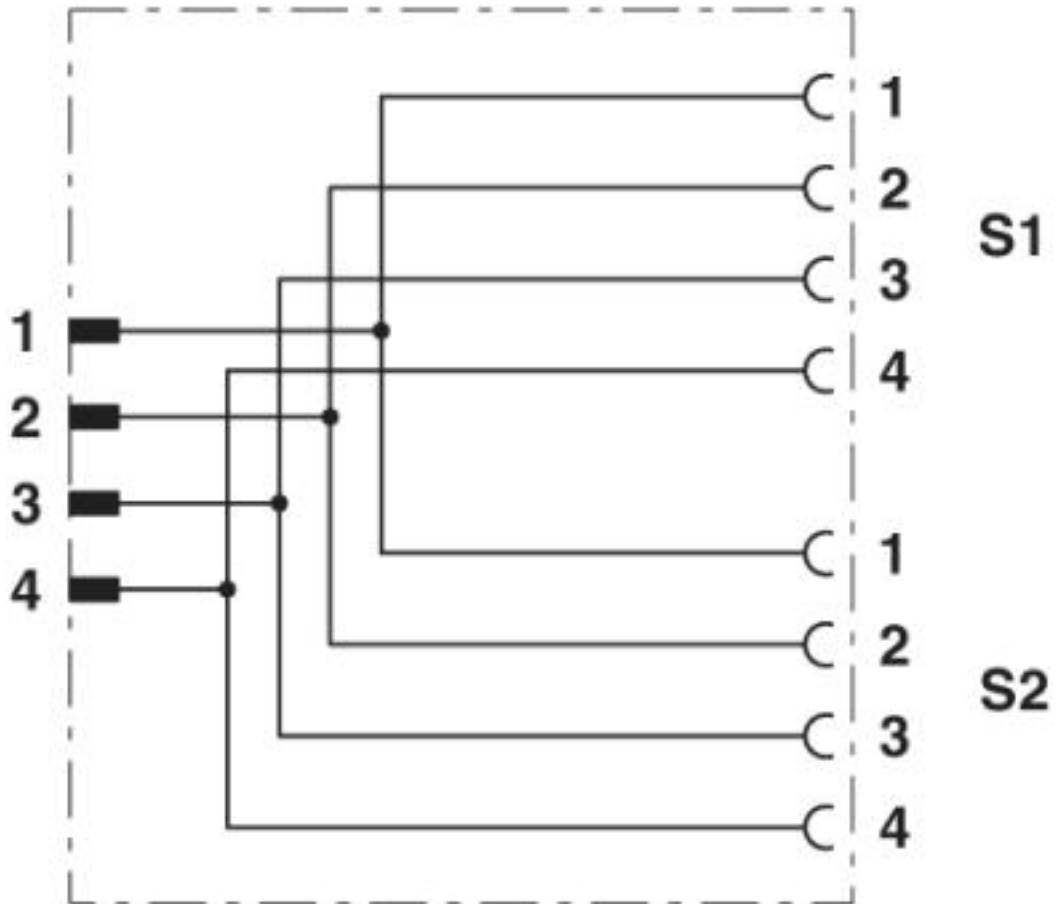
Dimensional drawing



M12 Y distributor

Y distributor - SAC-4PY-MT/2XFT VP - 1410632

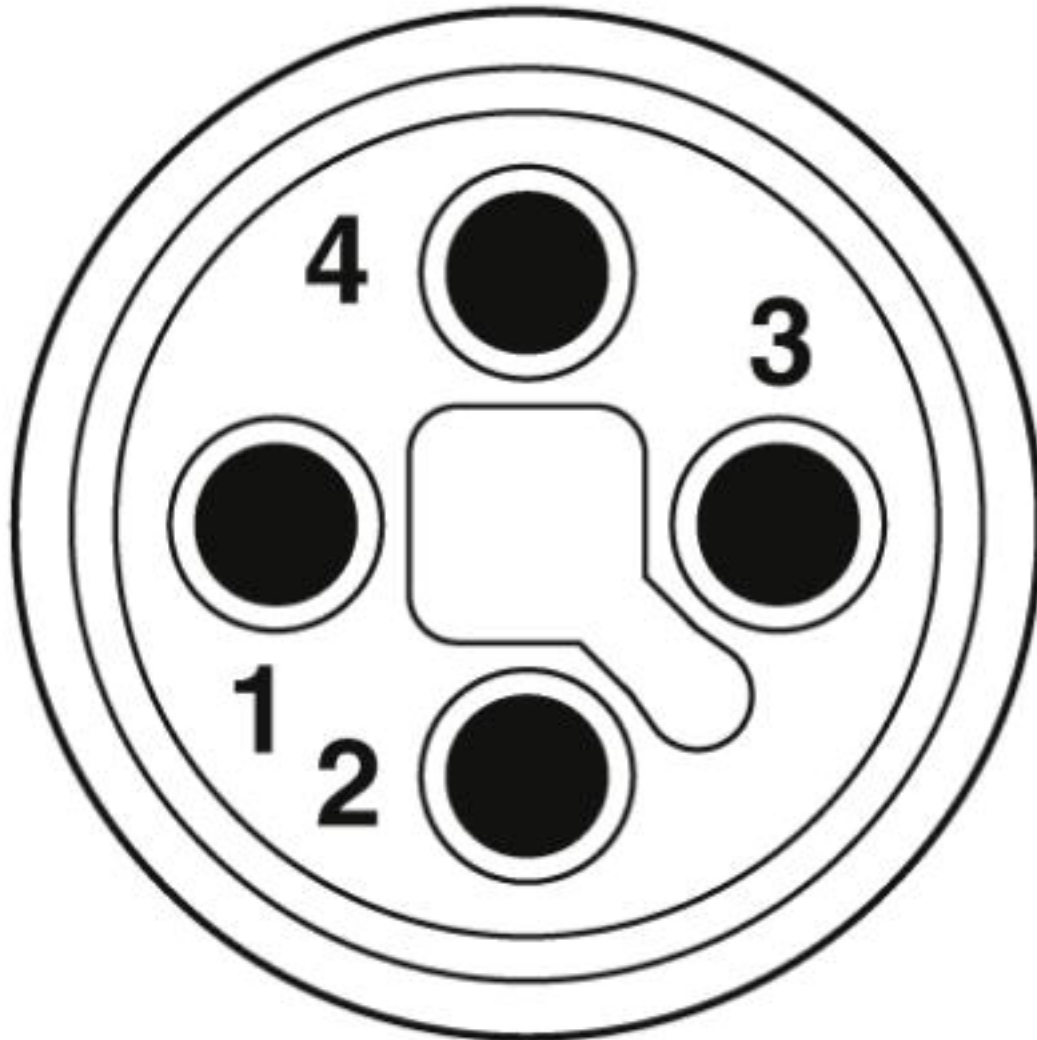
Circuit diagram



Contact assignment of the M12 Y distributor

Y distributor - SAC-4PY-MT/2XFT VP - 1410632

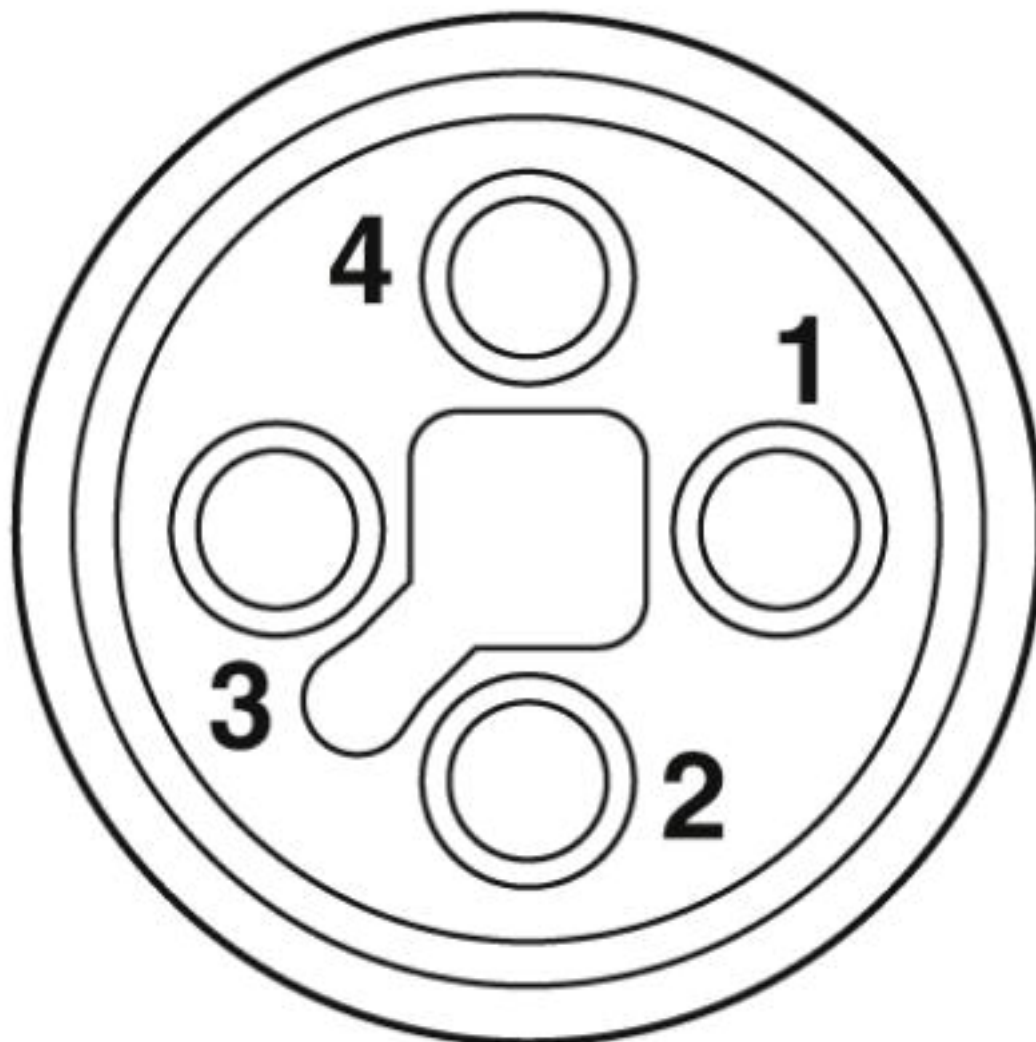
Schematic diagram



Pin assignment for M12 plug, 4-pos., T-coded, view of plug side

Y distributor - SAC-4PY-MT/2XFT VP - 1410632

Schematic diagram



Pin assignment of M12 socket, 4-pos., T-coded, socket side view

Classifications

eCl@ss

eCl@ss 10.0.1	27440106
eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27061800
eCl@ss 5.1	27061800
eCl@ss 6.0	27279200
eCl@ss 7.0	27440104
eCl@ss 8.0	27440104

Y distributor - SAC-4PY-MT/2XFT VP - 1410632

Classifications

eCl@ss

eCl@ss 9.0	27440106
------------	----------

ETIM

ETIM 4.0	EC001855
ETIM 5.0	EC002062
ETIM 6.0	EC002925
ETIM 7.0	EC002925

UNSPSC

UNSPSC 13.2	31251501
UNSPSC 19.0	31251501
UNSPSC 20.0	31251501
UNSPSC 21.0	31251501

Approvals


Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU C- DE.BL08.B.00511
-----	---	--------------------------

Accessories

Accessories

Plug for cable screw gland

Screw plug - PROT-M12 - 1680539



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

Y distributor - SAC-4PY-MT/2XFT VP - 1410632

Accessories

Screw plug - PROT-M12 MS-PA-CHAIN - 1430899

M12 sealing cap with fixing band, for sensor cables, for free M12 sockets



Protective cap

Sealing cap - PROT-M12 FS - 1560251



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

Sealing cap - PROT-M12 FS-PA-CHAIN - 1430873

M12 sealing cap made of plastic with fixing band, for sensor cables, for free M12 plugs



Screwdriver tools

Tool - SAC BIT M12-D15 - 1208432



Nut for assembling sensor/actuator cables with M12 connector and M12 connectors for assembly, with a knurl diameter of 15 mm, 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

Phoenix Contact 2020 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>