Y distributor - SAC-3P-M 8Y/2XM 8FS VP - 1696222

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Y distributor, 3-position, unshielded, Plug straight M8, coding: A, on Socket straight M8, coding: A and Socket straight M8, coding: A, Parallel distributor

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	5 pc
GTIN	4 017918 182403
GTIN	4017918182403
Weight per Piece (excluding packing)	10.610 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Center distance	12 mm
Width	22 mm
Height	10 mm
Length	33.7 mm

Ambient conditions

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

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Technical data

General

Rated current at 40°C	4 A
Rated voltage	48 VAC
	60 VDC
Number of positions	3
Insulation resistance	≥ 10 GΩ
Coding	A - standard
Standards/regulations	M8 connector IEC61076-2-104
Status display	No
Overvoltage category	II
Degree of pollution	3
Insertion/withdrawal cycles	≥ 100
Torque	0.2 Nm (M8 connectors)

Material

Flammability rating 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

Standards and Regulations

Standards/specifications	M8 connector IEC61076-2-104
Flammability rating according to UL 94	HB

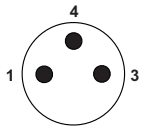
Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Drawings

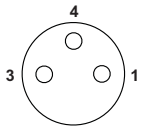
Y distributor - SAC-3P-M 8Y/2XM 8FS VP - 1696222

Schematic diagram



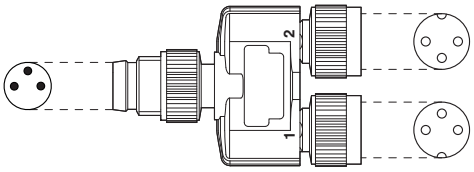
Pin assignment M8 plug, 3-pos., view male side

Schematic diagram



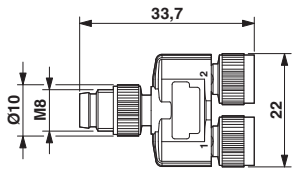
Pin assignment M8 socket, 3-pos., view female side

Schematic diagram



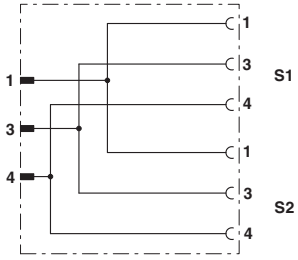
Layout of connector pin assignments

Dimensional drawing



M8-Y distributor

Circuit diagram



Contact assignment of the M8 Y distributor

Classifications

eCl@ss

eCl@ss 10.0.1	27440106
eCl@ss 11.0	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

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Classifications

eCl@ss

eCl@ss 8.0	27440104
eCl@ss 9.0	27440106

ETIM

ETIM 2.0	EC000830
ETIM 3.0	EC001856
ETIM 4.0	EC002585
ETIM 5.0	EC002062
ETIM 6.0	EC002925
ETIM 7.0	EC002925

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501
UNSPSC 19.0	31251501
UNSPSC 20.0	31251501
UNSPSC 21.0	31251501

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E221474

Nominal voltage UN	30 V

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Approvals

Nominal current IN	4 A

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E221474

Nominal voltage UN	30 V
Nominal current IN	4 A

EAC		RU C-DE.AI30.B.01102

EAC		RU C-DE.BL08.B.00511

cULus Listed	

Accessories

Accessories

Plug for cable screw gland

Screw plug - PROT-M8 - 1682540



An M8 screw plug for the unoccupied M8 sockets of the sensor/actuator cable, boxes and flush-type connectors

Screwdriver tools

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Accessories

Tool - SAC BIT M8-D10 - 1208461



Nut for assembling M8 connectors with longitudinal knurl and a knurl diameter of 10 mm, for 4 mm hexagonal drive

Torque tool

Torque screwdriver - TSD 02 SAC - 1208487



Torque screwdriver, with preset torque of 0.2 Nm and 4 mm hexagonal drive for M8 connectors

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