

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



1425476

<https://www.phoenixcontact.com/us/products/1425476>

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Y distributor, 3-position, Plug straight M8, coding: A, on Socket straight M8, coding: A and Socket straight M8, coding: A, AND wiring

Commercial data

Item number	1425476
Packing unit	1 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Product key	AF1GAB
GTIN	4055626403939
Weight per piece (including packing)	8.9 g
Weight per piece (excluding packing)	8.9 g
Country of origin	PL

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Technical data

Product properties

Product type	Y-distributor
Number of positions	3
No. of cable outlets	2
Coding	A

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Electrical properties

Insulation resistance	$\geq 10 \text{ G}\Omega$
Nominal voltage U_N	30 V
Nominal current I_N	4 A

Connection data

Connection assignment

Contact Color (signal designation) Contact (optional)	1 (Plug) 1 (Socket 1)
	3 (Plug) 3 (Socket 1) 3 (Socket 2)
	4 (Plug) 4 (Socket 2)
	4 (Socket 1) 1 (Socket 2)

Signaling

Status display	no
Status display present	no

Material specifications

Flammability rating according to UL 94	HB
Seal material	NBR
Material of grip body	TPU, hardly inflammable, self-extinguishing
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material for screw connection	Zinc die-cast, nickel-plated

Connector

Connection 1

Type	Plug straight M8
Coding type	A

Connection 2

Type	Socket straight M8
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Coding type	A
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Connection 3

Type	Socket straight M8
Coding type	A

Environmental and real-life conditions

Ambient conditions

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

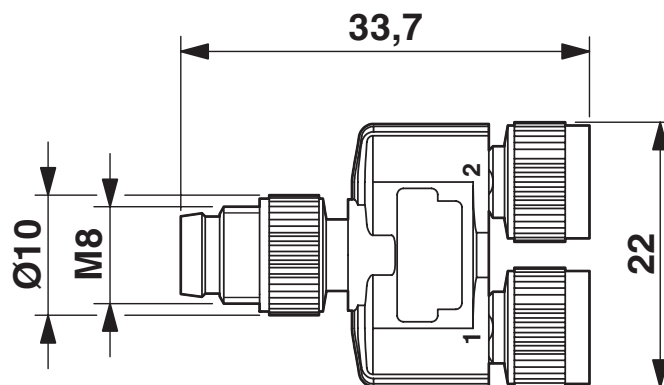
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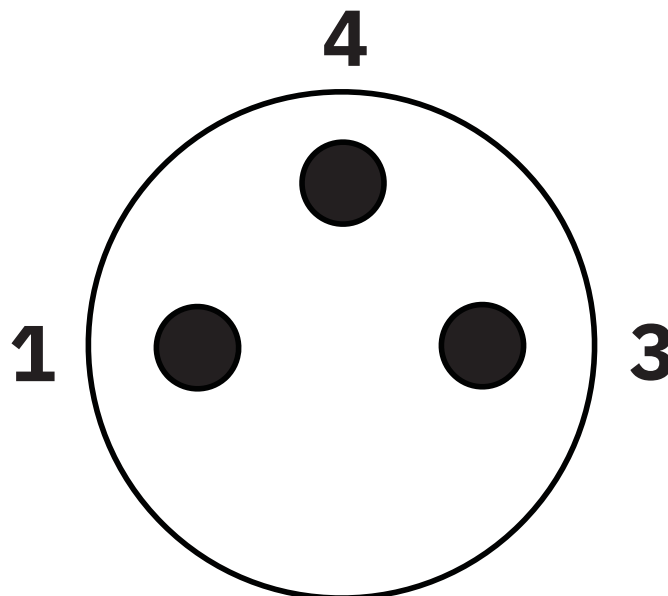
Drawings

Dimensional drawing



M8 Y distributor

Schematic diagram



M8 plug pin assignment, 3-pos., view of pin side

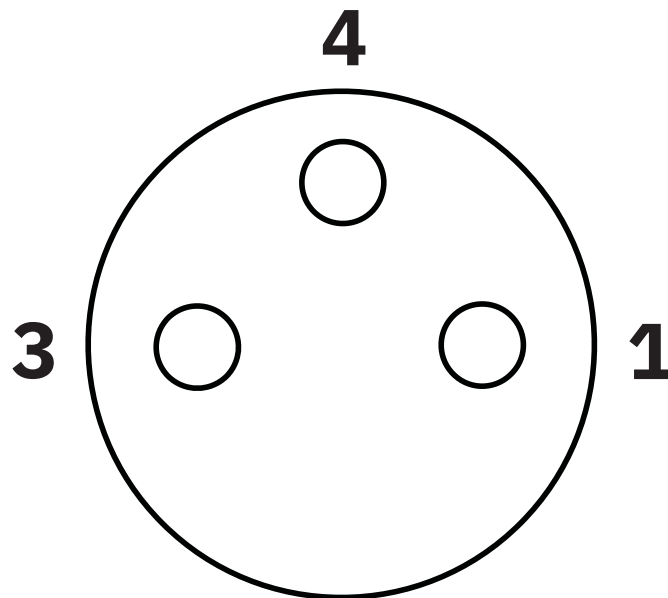
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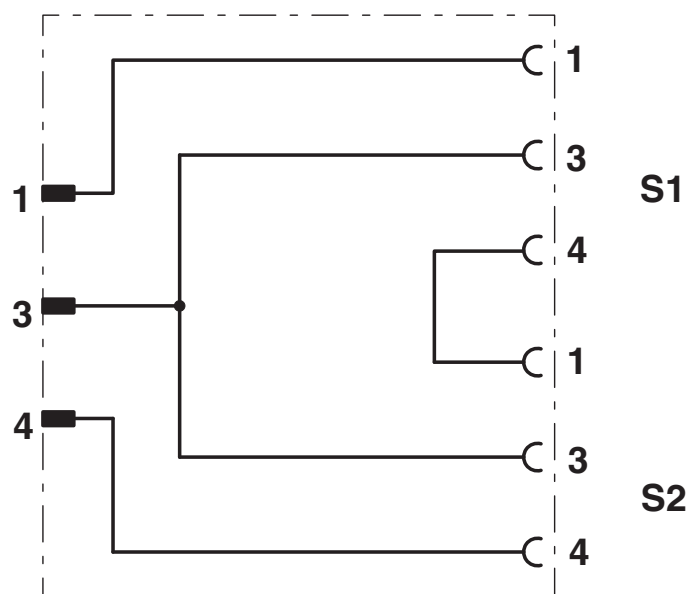


Schematic diagram



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

Circuit diagram



Contact assignment of the M8 Y distributor

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1425476>

 UL Listed Approval ID: FILE E 221474				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	60 V	4 A	-	-

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	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
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Classifications

ECLASS

ECLASS-13.0	27440106
ECLASS-15.0	27440106

ETIM

ETIM 10.0	EC002925
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UNSPSC

UNSPSC 21.0	31251500
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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