

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



1696183
<https://www.phoenixcontact.com/il/products/1696183>

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Y distributor, 4-position, Plug straight M8, coding: A, on Socket straight M8, coding: A and Socket straight M8, coding: A

Commercial data

Item number	1696183
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	02
Product key	BF1GAB
Catalog page	Page 252 (C-2-2019)
GTIN	4017918181321
Weight per piece (including packing)	10.58 g
Weight per piece (excluding packing)	6.91 g
Customs tariff number	85366990
Country of origin	PL

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Technical data

Product properties

Product type	Y-distributor
Number of positions	4
No. of cable outlets	2
Shielded	no
Coding	A
Thread type	M8

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

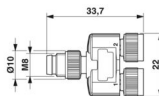
Electrical properties

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

Signaling

Status display	No
Status display present	No

Dimensions

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

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

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Connector

Connection 1

Type	Plug straight M8
Coding type	A

Connection 2

Type	Socket straight M8
Coding type	A

Connection 3

Type	Socket straight M8
Coding type	A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100
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Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

M8

Standard designation	M8 connector
Standards/specifications	IEC 61076-2-104

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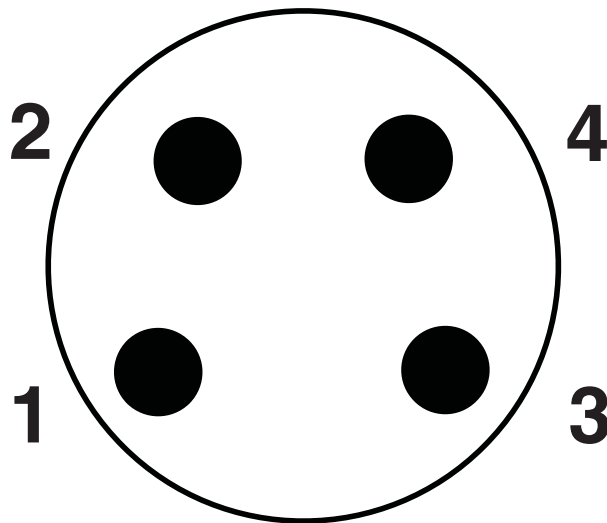
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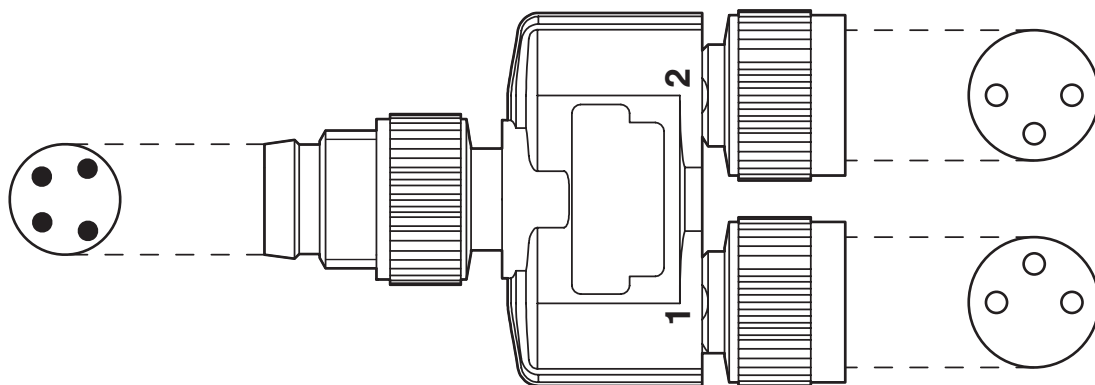
Drawings

Schematic diagram



Pin assignment M8 plug, 4-pos., view male side

Schematic diagram



Layout of connector pin assignments

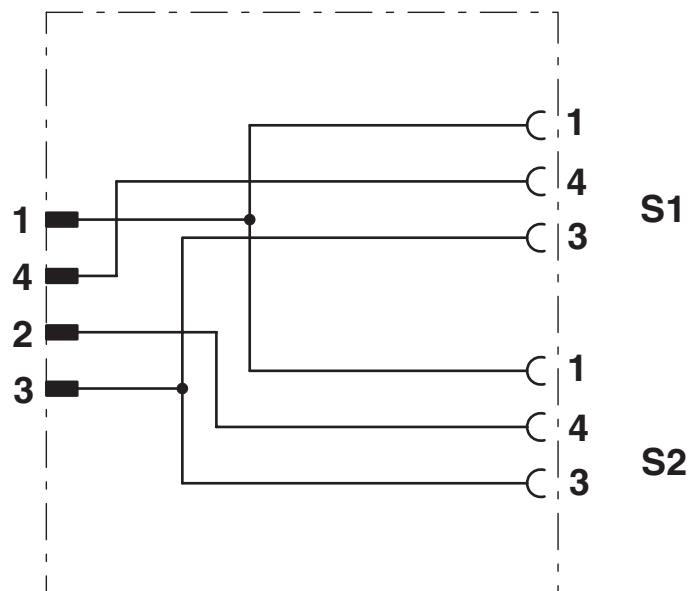
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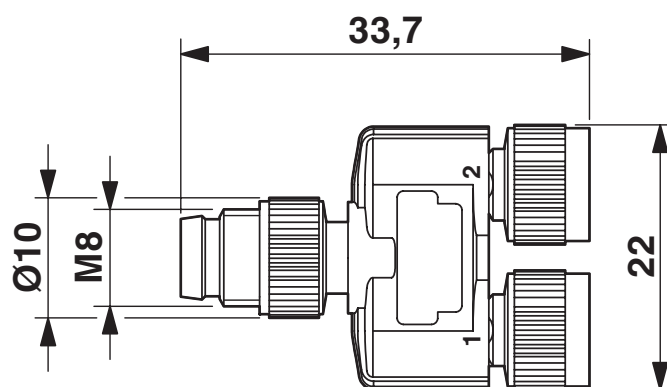
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Circuit diagram



Dimensional drawing



M8 Y distributor

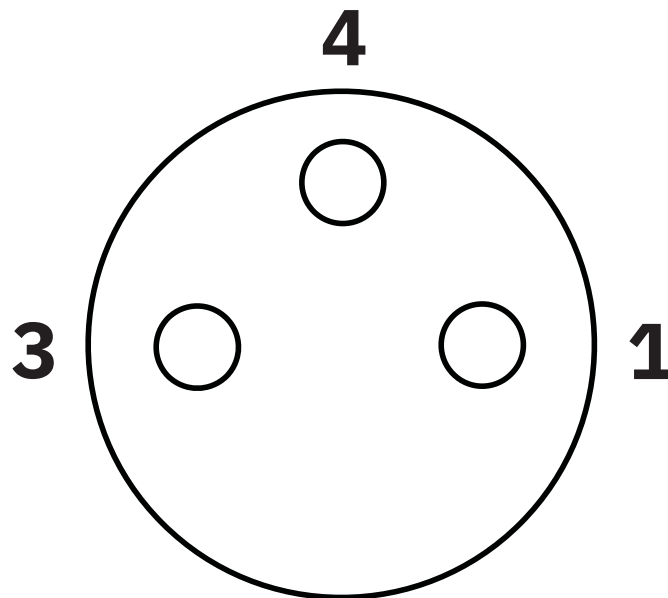
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Schematic diagram



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

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/il/products/1696183>



EAC
Approval ID: RU C-DE.AI30.B.01102



EAC
Approval ID: RU C-DE.BL08.B.00511

	UL Listed Approval ID: E221474			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	30 V	4 A	-	-

	cUL Listed Approval ID: E221474			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	30 V	4 A	-	-

cULus Listed

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Classifications

ECLASS

ECLASS-11.0	27440106
ECLASS-12.0	27440106
ECLASS-13.0	27440106

ETIM

ETIM 9.0	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
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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