

SAC-3P-M12Y/2XM 8FS VP - Y distributor



1683549

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Y distributor, 3-position, Plug straight M12, coding: A, on Socket straight M8, coding: A and Socket straight M8, coding: A, Parallel distributor

Commercial data

Item number	1683549
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF10
Product key	BF1GAB
Catalog page	Page 253 (C-2-2019)
GTIN	4017918166946
Weight per piece (including packing)	12.64 g
Weight per piece (excluding packing)	9.5 g
Customs tariff number	85366990
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
Shielded	no
Coding	A
Thread type	M12 to M8

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

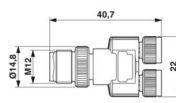
Electrical properties

Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	48 V AC
	60 V DC
Nominal current I_N	4 A

Signaling

Status display	No
Status display present	No

Dimensions

Dimensional drawing	
Width	22 mm
Height	14.8 mm
Length	40.7 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 M12
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

M12

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

M8

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

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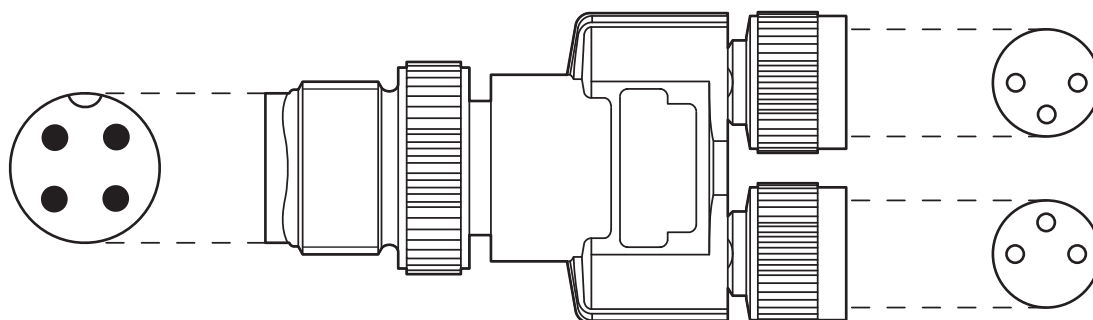
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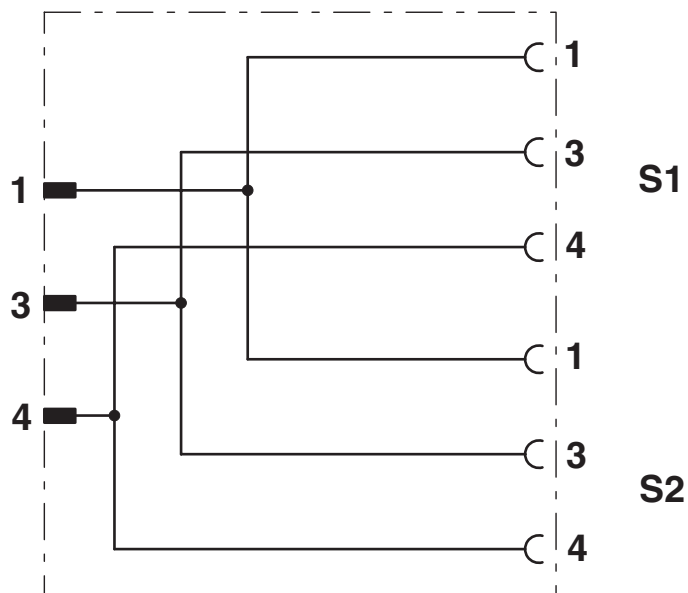
Drawings

Schematic diagram

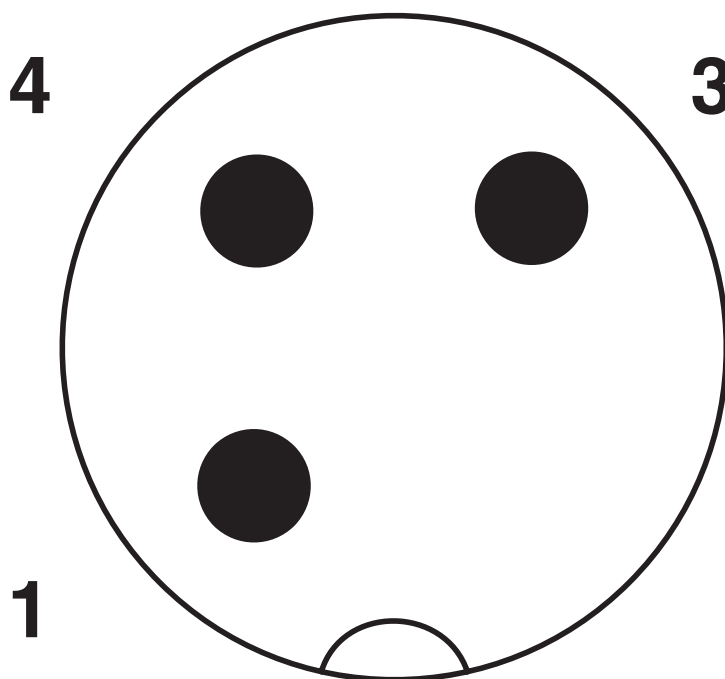


Layout of connector pin assignments

Circuit diagram

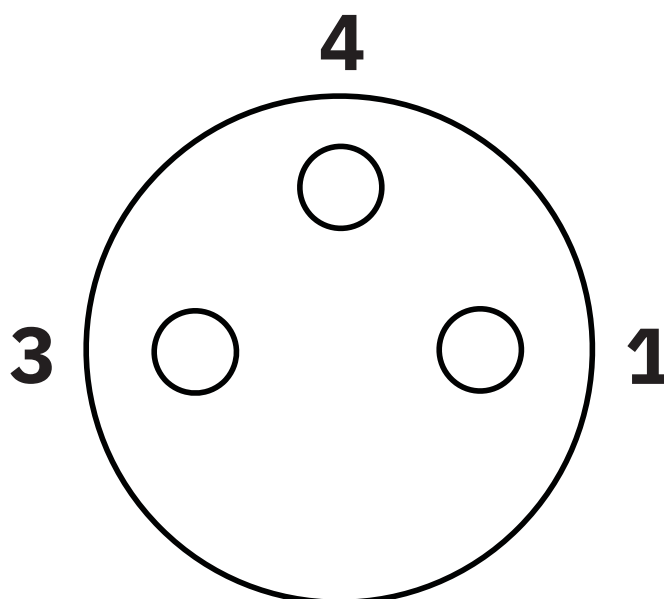


Schematic diagram



Pin assignment M12 plug, 3-pos., A-coded, view male side

Schematic diagram



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

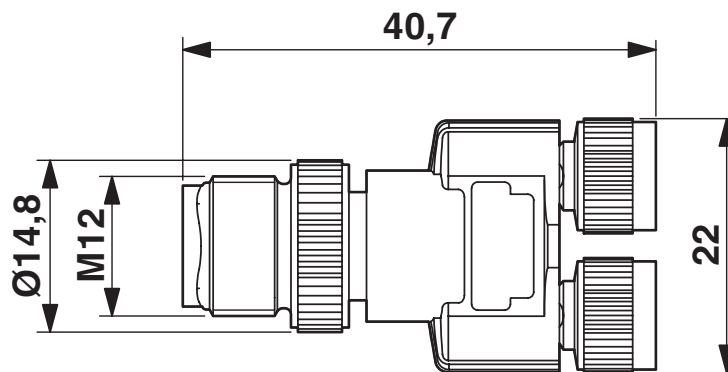
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Dimensional drawing



M12 Y distributor

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1683549>



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

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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