

1698013
<https://www.phoenixcontact.com/us/products/1698013>

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Y distributor, 5-position, Socket straight M12, coding: A, on Socket straight M12, coding: A and Socket straight M12, coding: A, Parallel distributor

Commercial data

Item number	1698013
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF10
Product key	BF1GAB
GTIN	4017918198138
Weight per piece (including packing)	32.6 g
Weight per piece (excluding packing)	29.4 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Y-distributor
Number of positions	5
Coding	A

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Electrical properties

Insulation resistance	$\geq 100 \text{ M}\Omega$
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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	Socket straight M12
Coding type	A

Connection 2

Type	Socket straight M12
Coding type	A

Connection 3

Type	Socket straight M12
Coding type	A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100
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SAC-5P-M12YF/2XM12FS VP - Y distributor



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Environmental and real-life conditions

Ambient conditions

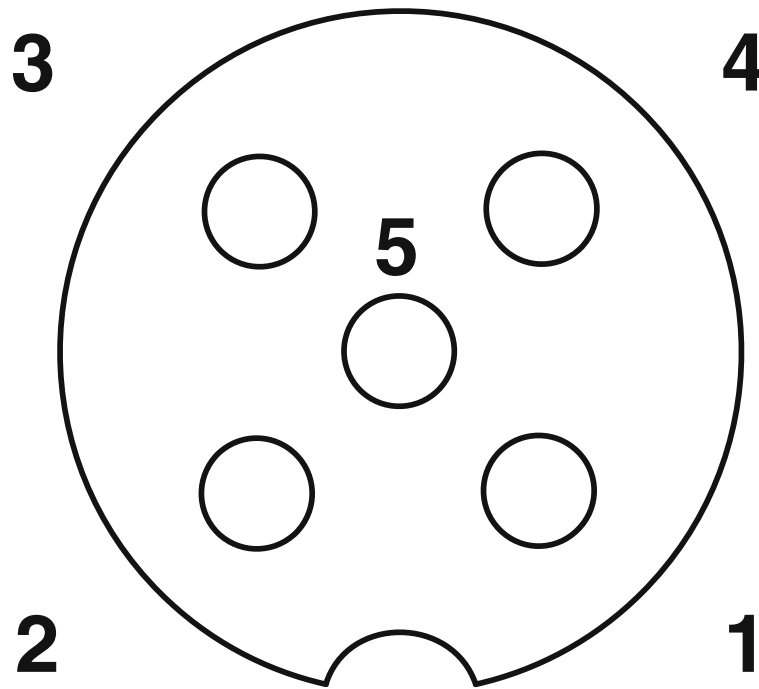
Degree of protection	IP65
	IP67
	IP68
Ambient temperature (operation)	-25 °C ... 90 °C

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Drawings

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1698013>



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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