

SAC-4PH-MT-FT/2XFT F VP SH - H distributor



1080244

<https://www.phoenixcontact.com/us/products/1080244>

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H distributor, 4-position, shielded, Plug straight M12, coding: T, on Socket straight M12, coding: T and Socket straight M12, coding: T, for direct current up to 16 A/63 V, Parallel distributor



Your advantages

- High-performance: DC connectors for up to 16 A and 63 V DC

Commercial data

Item number	1080244
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF10
Product key	BF1GAP
GTIN	4055626802572
Weight per piece (including packing)	130.2 g
Weight per piece (excluding packing)	130.2 g
Customs tariff number	85366990
Country of origin	DE

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Material	CuZn (Pin contact) (Female contact)
Flammability rating according to UL 94	V0
Seal material	NBR
Material of grip body	PBT
Contact surface material	Au
Contact carrier material	PBT
Material for screw connection	Brass, nickel-plated

Connector

Connection 1

Type	Plug straight M12
Coding type	T

Connection 2

Type	Socket straight M12
Coding type	T

Connection 3

Type	Socket straight M12
Coding type	T

Mechanical properties

Mechanical data

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

Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 85 °C (Plug / socket)

Standards and regulations

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-111

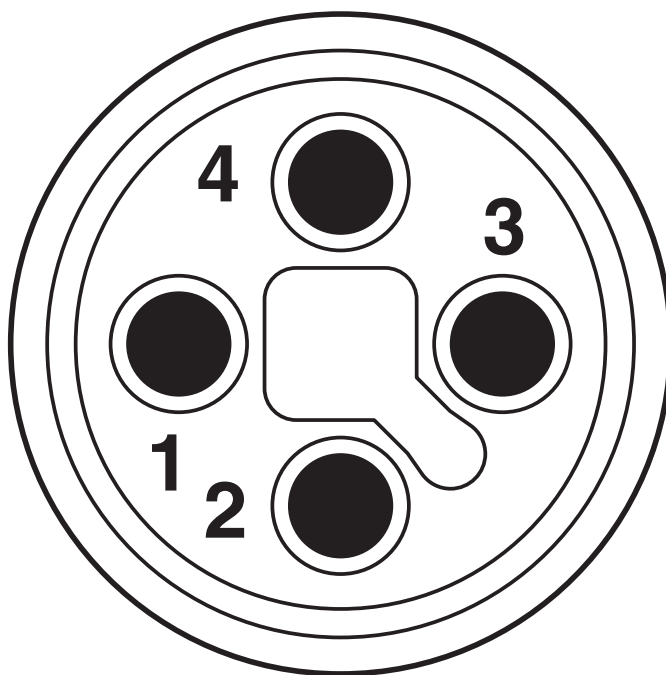
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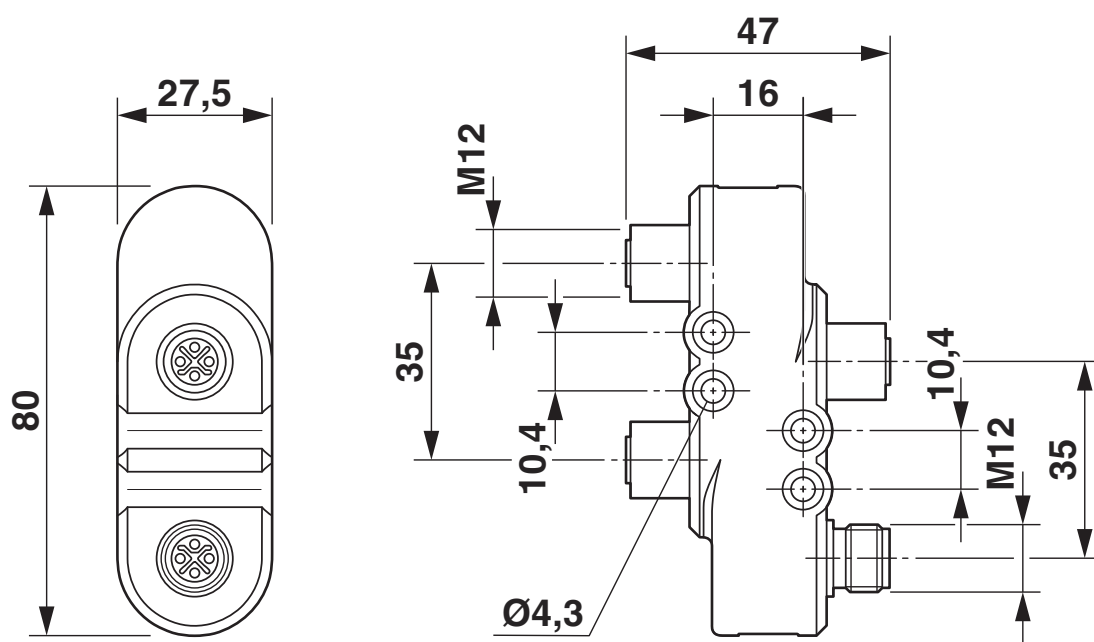
Drawings

Schematic diagram



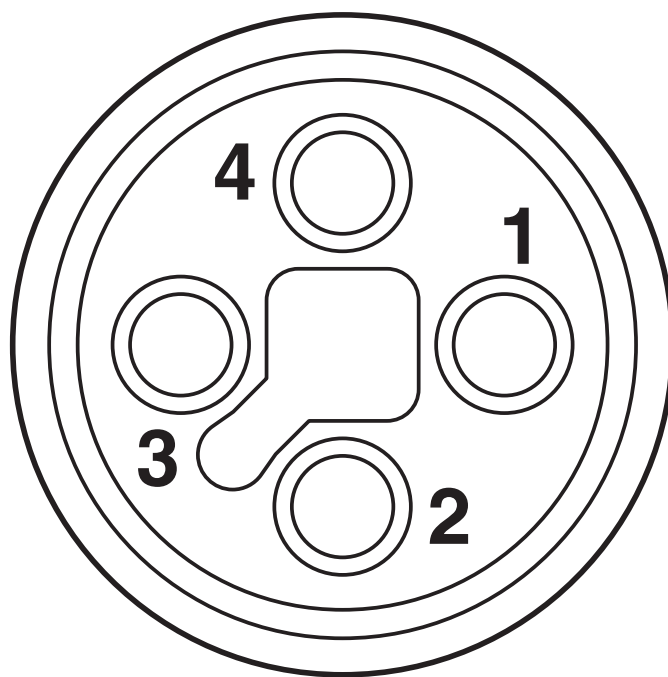
Pin assignment for M12 plug, 4-pos., T-coded, view of plug side

Dimensional drawing



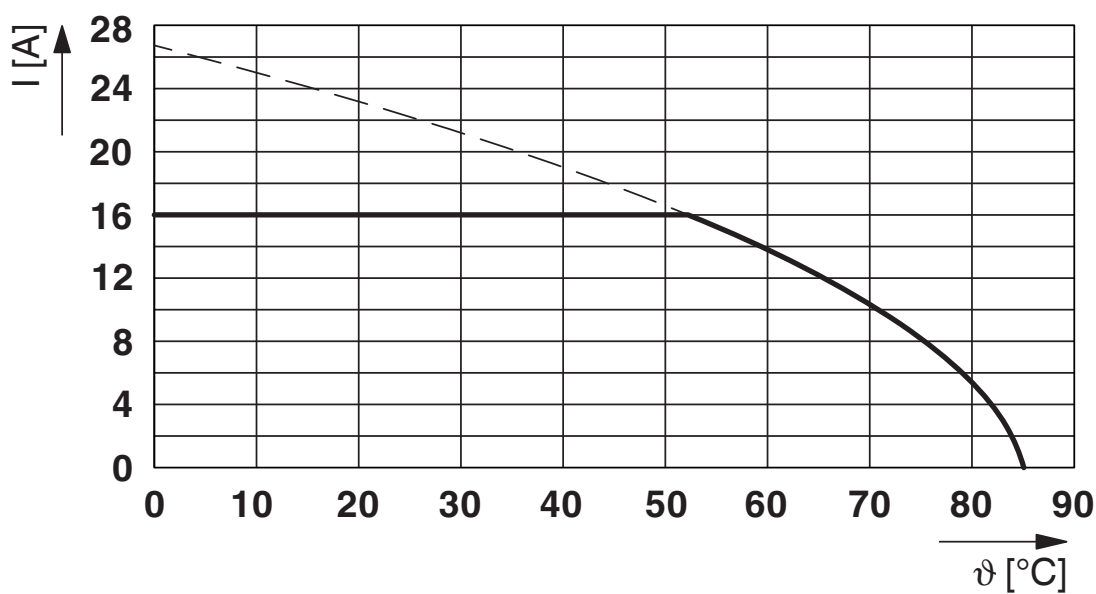
M12 H-distributor

Schematic diagram



Pin assignment of M12 socket, 4-pos., T-coded, socket side view

Diagram



Current carrying capacity

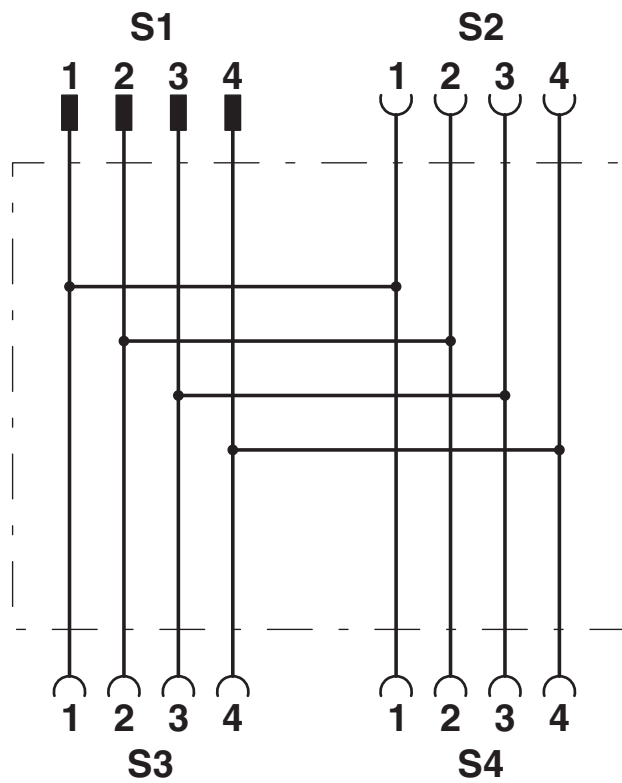
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Circuit diagram



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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%