

1521606

<https://www.phoenixcontact.com/us/products/1521606>

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Commercial data

Item number	1521606
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF74
Product key	AF2IGA
GTIN	4063151985646
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	120 g
Country of origin	CZ

SACC-AHDP06-9PFS-A-IV - Cable connector



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Technical data

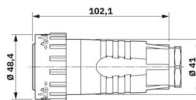
Notes

General	AHDP06-24-91S-BS1-K06M
General	Connector kit includes connector with cable gland for 14-18 mm cable diameter, size 8 (6 mm ²) contacts (2 pieces), size 12 (12-14 AWG) contacts (2 pieces), size 16 (16-20 AWG) contacts (4 pieces), size 16 contact pre-assembled and bridged (1 piece)
Trade restriction	
CE note	The products are offered exclusively for export outside the EU and the European Economic Area.

Product properties

Product type	Cable connector
Number of positions	9
Shielded	no

Dimensions

Dimensional drawing	
Length	102 mm

Connection data

Connection technology	
Connection method	Crimp contacts

Electrical properties

Nominal voltage U_N	24 V AC/DC (IEC rating)
Nominal current I_N	13 A (Size 16)
	25 A (Size 12)
	50 A (Size 8)

Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	min. 100

Material specifications

Housing material	PA
Contact material	Copper alloy
Contact surface material	nickel-plated

Environmental and real-life conditions

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Ambient conditions

Degree of protection	IP67 (in mated condition)
	IP69K (in mated condition)
Ambient temperature (operation)	-40 °C ... 125 °C

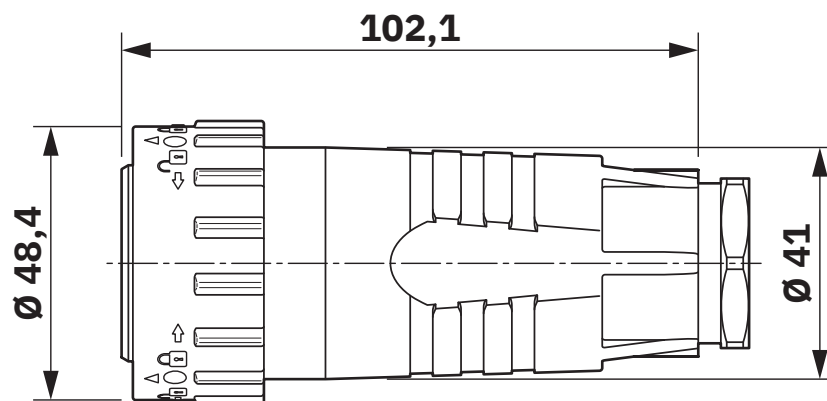
SACC-AHDP06-9PFS-A-IV - Cable connector

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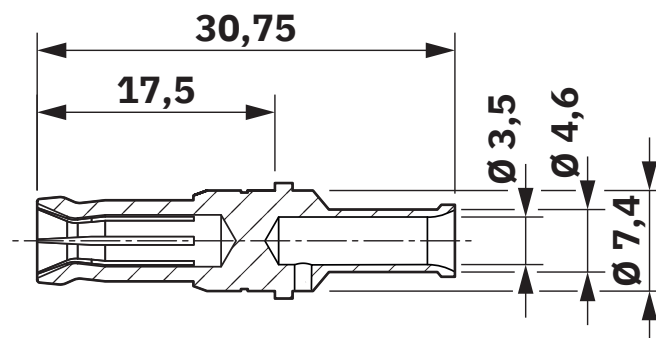
Drawings

Dimensional drawing



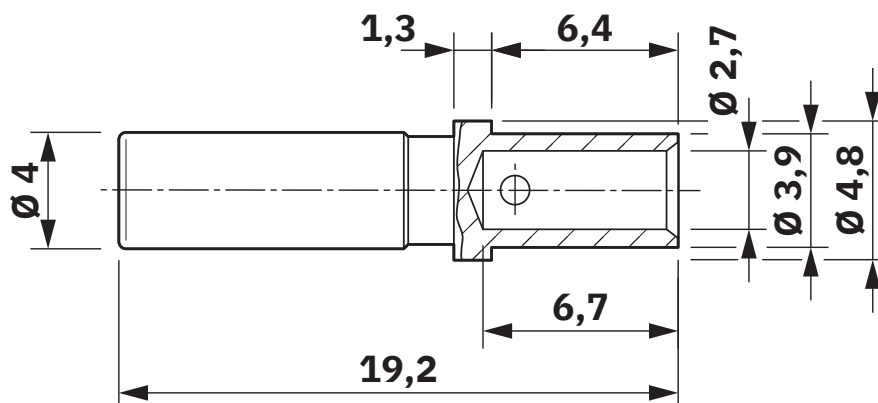
AHDP06-24-91S-BS1 connector with cable gland for 14-18 mm cable diameter

Dimensional drawing



VN02 036 0026 6 size 8 female contact 6 mm²

Dimensional drawing



AT62-203-12141 size 12 female contact

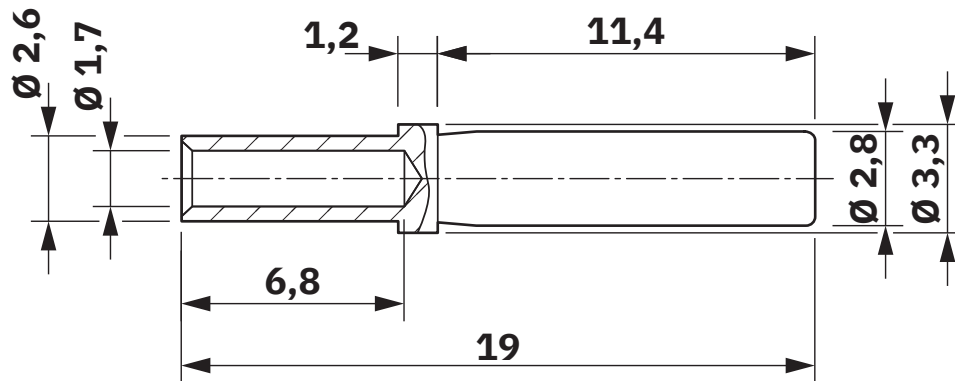
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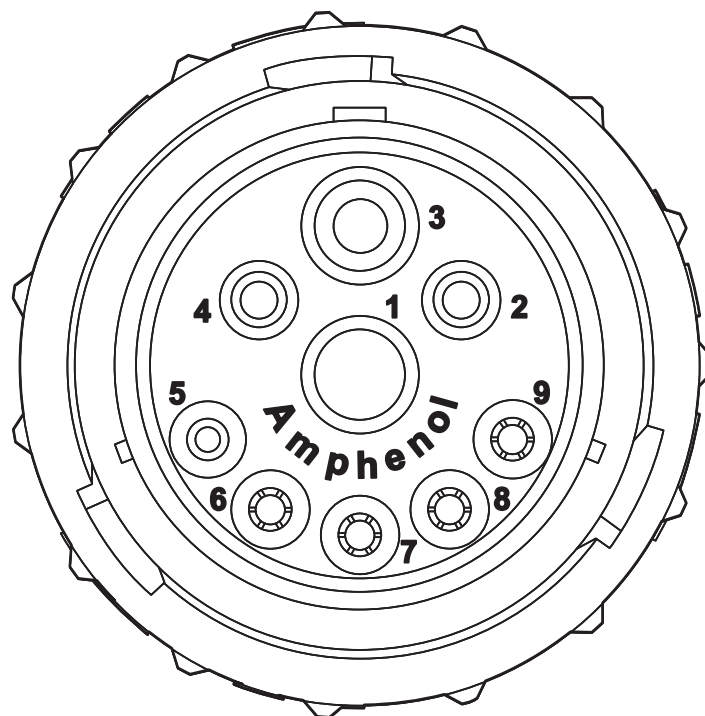
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Dimensional drawing



AT62-201-16141 size 16 female contact

Schematic diagram



AHDDP06-24-91S pin assignment

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Classifications

ECLASS

ECLASS-15.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635
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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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