

Cable connector - M23-7ES198A8LDL - 1628801

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Cable connector, M23 PRO, straight long, shielded: yes, Screw locking, M23, No. of pos.: 4+3+PE, type of contact: Socket, Crimp connection, cable diameter range: 7.5 mm ... 17 mm

Your advantages

- ✓ Solutions with cross-manufacturer compatibility for standard and fast locking systems
- ✓ Reliable under the harshest conditions: cable connectors with vibration brake
- ✓ Modern, consistent design for highly convenient operation
- ✓ Easy, cost-effective cable assembly: uniform shielding of M17 to M40

Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 618890
GTIN	4055626618890

Technical data

Temperature range

Ambient temperature (operation)	-40 °C ... 125 °C
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Data of the insulating body

Note	Order information: Order crimp contacts 4 x Ø 1 mm, 4 x Ø 2 mm separately
Insulator material	PA 6.6
Contact connection method	Crimp connection
Type of contacts	Socket
Application	Power
Number of positions	8
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.25 mm ²
Litz wire cross section of power contacts max.	4 mm ²

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Technical data

Data of the insulating body

Rated current of each power contact at 25°C	30 A
Additional text	for max. connection cross section
Rated voltage of power contact	630 V
Rated surge voltage	6 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.06 mm ²
Litz wire cross section of signal contacts max.	1 mm ²
Rated current of each signal contact at 25°C	9 A
Additional text	for max. connection cross section
Rated voltage of signal contact	250 V
Rated surge voltage	4 kV
Overvoltage category	III
Degree of pollution	3
Additional text	for max. connection cross section
Installation height	2000 m

Housing data

Housing material	GD-Zn
Type of locking	Screw locking
Degree of protection (when plugged in)	IP66 / IP68 (2m / 24h) / IP69K
Thread type	M23

Cable seal data

Cable diameter	7.5 mm ... 17 mm (Universal gasket)
Sealing material	FKM

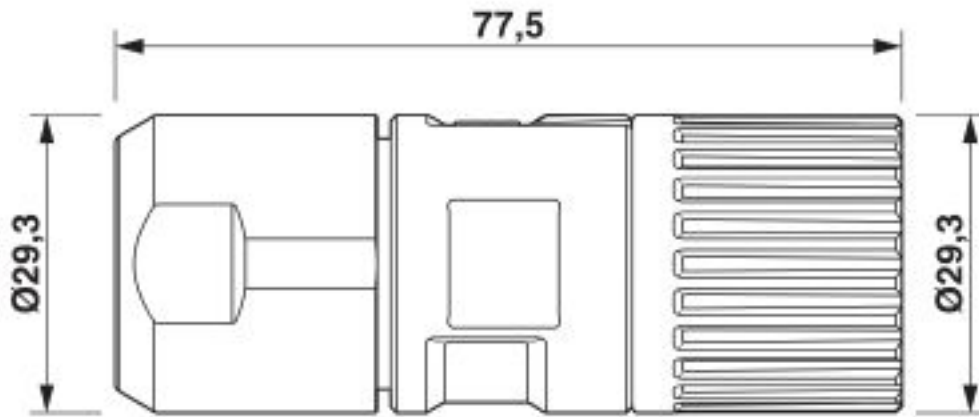
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

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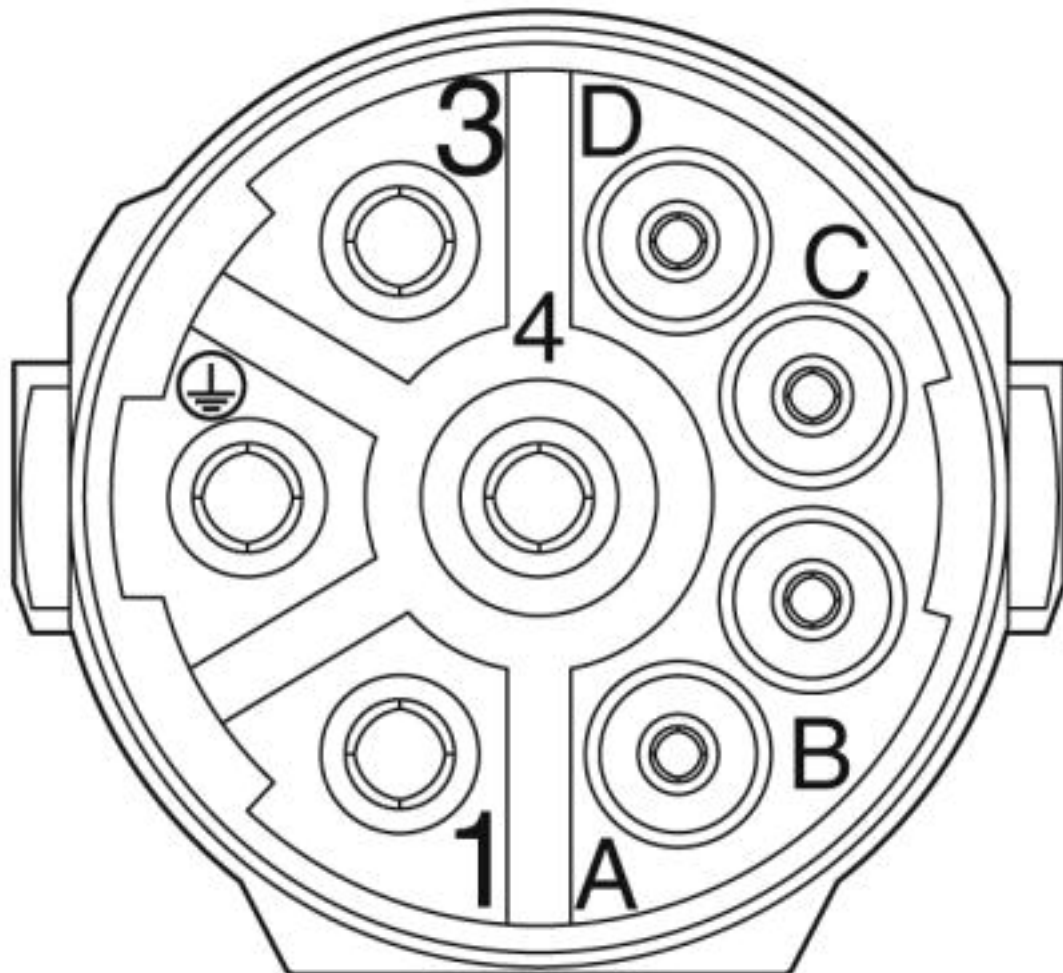
Dimensional drawing



Technical drawings can be found under Downloads

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Schematic diagram



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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>