

K-8E-OE/0,3-H00/M23F8-C5-S - Cable plug in molded plastic



1623471

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Cable plug in molded plastic, series: KSH, M23-Socket, Straight, plastic molded, number of positions: 4+4+4+PE, CAT5, 100 Mbps, cable length: 0.3 m, shielded: yes, color of outer sheath: orange RAL 2003

Commercial data

Item number	1623471
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	ABRDGA
GTIN	4055626166216
Weight per piece (including packing)	216.3 g
Weight per piece (excluding packing)	216.3 g
Customs tariff number	85444290
Country of origin	DE

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Technical data

Product properties

Product type	Signal and power cable
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Connector

Connector specifications

Type	Straight, plastic molded
Housing material	PUR
Thread type	M23
Degree of protection	IP67, when in locked state
No. of pos.	4+4+4+PE
Direction of rotation	Standard
Contact switching type	Socket
Insertion/withdrawal cycles	100
Voltage	630 V AC
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	6 kV

Electrical properties

Max. current	26 A
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Cable/line

Cable length	0.3 m
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Cable specifications

Cable type	HDSL11Y-J
Transmission speed	CAT5
Transmission speed	100 Mbps (Data interface)
Shielded	yes
Cable structure	(5x 2.5 + 2x (2x 0.5) + (4x 0.34)C) C
External cable diameter	15.50 mm ±0.5 mm
Outer sheath, material	PUR
Material wire insulation	PP
External sheath, color	orange RAL 2003
Single wire, color	black 1, black 2, black 3, black 4, green/yellow Power wires + PE brown, violet, black 5, green Signal wires blue, yellow, white, orange Data wires
Nominal voltage, cable	1000 V (300 V signal)
Test voltage	4 kV (1.5 kV signal)
Rated current	26 A (Power, in accordance with DIN VDE 0298-4 Tab. 11/5) 8 A (Signal, according to DIN VDE 0298-4 tab. 11/5)

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	3.6 A (Data, according to DIN VDE 0298-4 tab. 11/5)
Smallest bending radius, fixed installation	78 mm
Smallest bending radius, movable installation	116 mm
Max. bending cycles	5000000
Traversing path	5 m
Acceleration	30 m/s ²
Ambient temperature (operation) for fixed installation	-40 °C ... 80 °C (fixed installation)
Ambient temperature (operation) for flexible installation	-20 °C ... 80 °C (flexible installation)
UL AWM style	20234 / 10492 (80°C/1000 V)
Special properties	Flexible cable conduit capable
Flame resistance	IEC 60332-1-2
Halogen-free	in accordance with EN 50267-2-1
Resistance to oil	EN 60811-2-1

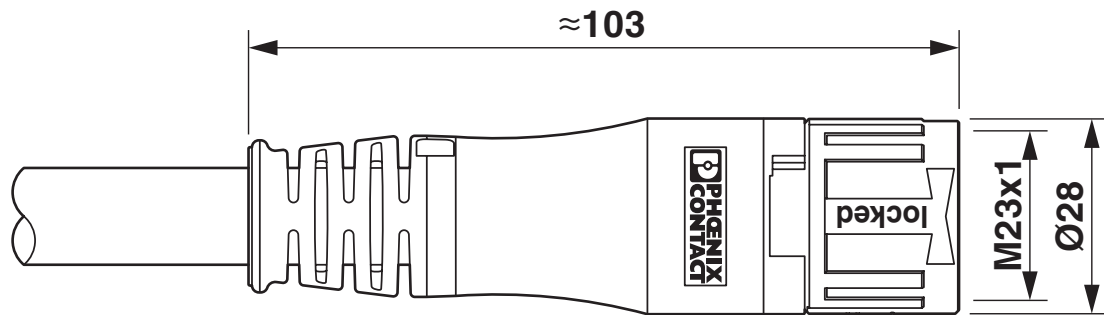
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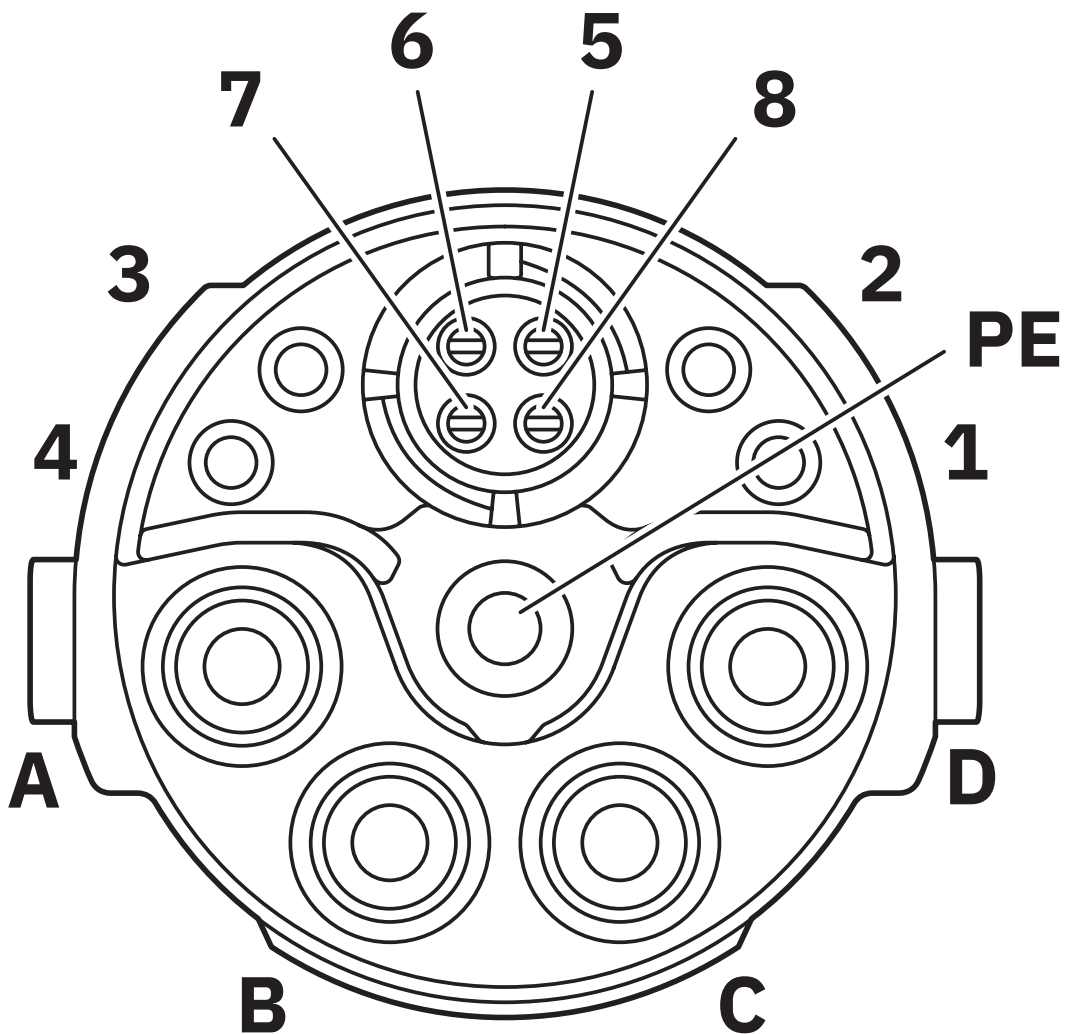
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Drawings

Dimensional drawing



Schematic diagram



Connector pin assignment

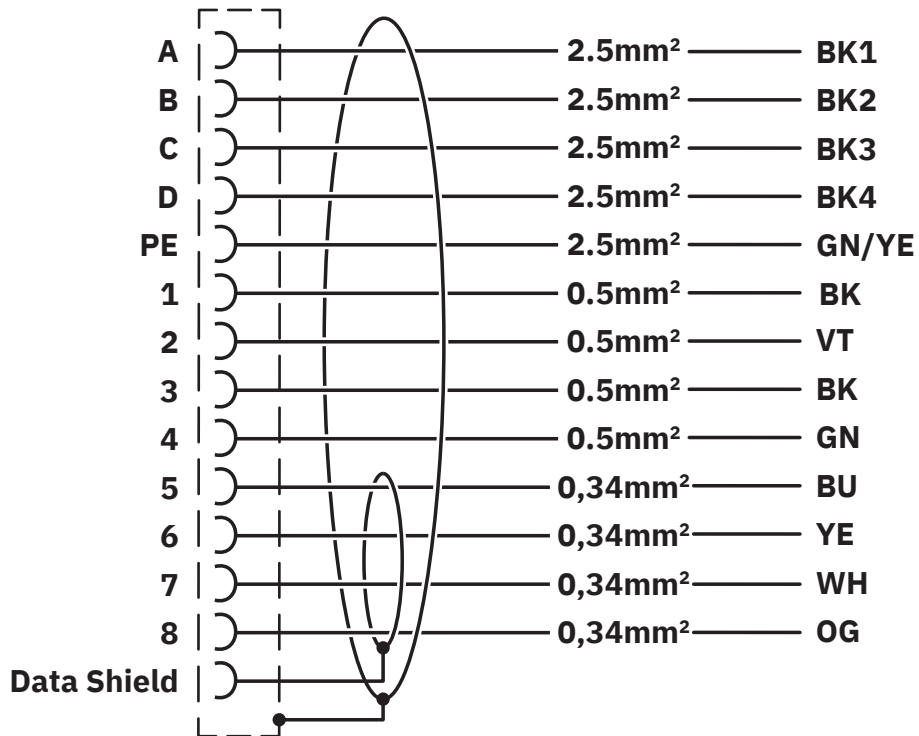
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Circuit diagram



Contact assignment of M23 plugs/sockets

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