

SM-5EP1N8A9003


Order No.: 1605771

The figure shows the 8-pos. (4+3+PE) product version



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1605771>

Coupler connector, straight short, Screw locking, M40, Number of positions: 2+3+PE, Type of contact: Male connector, Crimp connection, shielded: Yes, Cable diameter: 12.5 mm...17 mm

Commercial data	
EAN	 4 046356 182478
Note	Made-to-order
sales group	D300
Pack	12 Pcs.
Customs tariff	85366990
Gross weight in pieces	0.53361 KG
Net weight per piece	0.53361 KG
Catalog page information	Page 82 (PC-2011)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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Technical data	
General	
Note	Order information Order crimp contacts 2 x Ø 2 mm, 4 x Ø 3.6 mm separately
Type of locking	Screw locking
Coding	N
Contact connection method	Crimp connection
Type of contacts	Male connector

Number of positions	6
Contact diameter of power contacts	3.6 mm
Nominal current per power contact at 25°C	70 A
Contact diameter of signal contacts	2 mm
Nominal current per signal contact at 25°C	30 A
Conductor entry	12.5 mm ... 17 mm

Ambient conditions

Ambient temperature	-20 °C ... 125 °C
Degree of protection	IP67

Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 66
Gasket and O-ring material	FPM

Specifications according to DIN EN 61984:2001

Installation height max.	3000 m
Nominal / operating voltage of power contacts	630 V
Rated surge voltage of power contacts	6 kV
Surge voltage category of power contacts	III
Pollution degree of power contacts	3
Nominal / operating voltage of signal contacts	250 V
Rated surge voltage of signal contacts	4 kV
Surge voltage category of signal contacts	III
Pollution degree of signal contacts	3

Certificates / Approvals

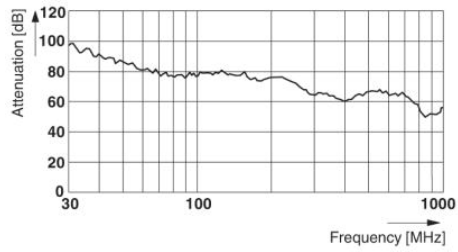
Certification

Certifications applied for:

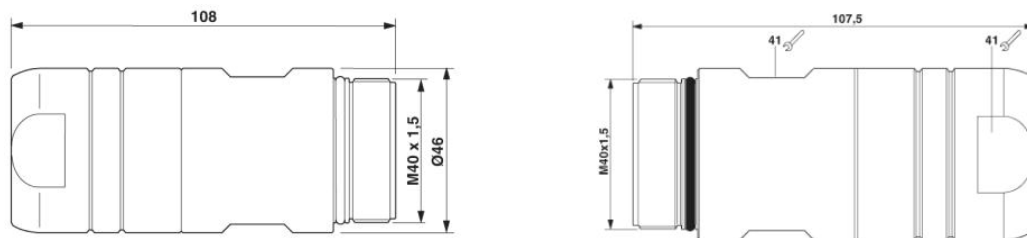
Certification Ex:

Drawings

Diagram

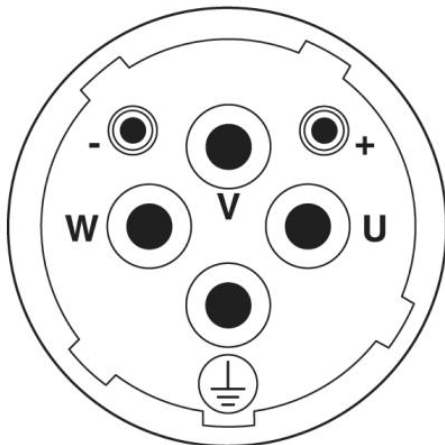


Dimensioned drawing



SM-...P1N8A9003

Schematic diagram



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