Electrical connection technology, for power supply

Technical data – NECU

FESTO

- Plug, socket for power supply
- 4-pin
- Can be assembled with any cable length
- With screw terminals

| General technical data			
Type		NECU-M-S-D12G4-C2-ET	NECU-M8G4
Type of mounting		–	Via knurled nut
Mounting position		–	Any
Connection frequency		–	500
Max. tightening torque of plug	[Nm]	–	0.3
Operating voltage range	[V DC]	≤ 250	0 … 30
	[V AC]	≤ 250	0 … 30
Acceptable current load	[A]	4	3
Surge capacity	[kV]	2.5	0.8
Permissible cable diameter	[mm]	6 … 8	3.5 … 5
Connection cross section	[mm^2]	0.14 … 0.75	0.14 … 0.5
Plug coding		D, for Ethernet	–
Based on standard		DIN EN 61076-2-101 EN 61984	EN 61984
Transmission characteristics		DIN EN 50173 / CAT 5	–
Housing material		Die-cast zinc, nickel-plated	Polybutylene terephthalate
Seal material		Nitrile rubber	–
Contact material		Brass, gold-plated	Brass, gold-plated
Note on materials		Free of copper and PTFE	–
Note on materials		RoHS-compliant	RoHS-compliant

Operating and environmental conditions			
		NECU-M-S-D12G4-C2-ET	NECU-M8G4
Ambient temperature	[°C]	−40 … +85	−40 … +80
Storage temperature	[°C]	–	−40 … +80
Corrosion resistance class CRC[1]		1	2
Degree of contamination		3	3
CE mark (see declaration of conformity)		To EU Low Voltage Directive	–

[1] Corrosion resistance class 1 as per Festo standard 940 070
Components subject to low corrosion stress. Transport and storage protection. Parts that do not have primarily decorative surface requirements, e.g. in internal areas that are not visible or behind covers.
CRC2: Corrosion resistance class to Festo standard 940 070
Components with medium corrosion exposure. Externally visible components with significant decorative function in direct contact with normal industrial atmosphere or media such as coolants and lubricants.

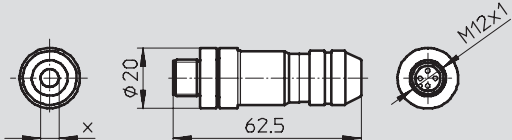# Electrical connection technology, for power supply

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Ordering data					
	Electrical connection	Protection class to EN 60529	Product weight [g]	Type	Part No.
	Straight plug, screw terminal, M12x1 round plug connector, 4-pin, suitable for self-assembly, can be screened	IP65/67	47	**NECU-M-S-D12G4-C2-ET**	**543 109**
	Straight socket, M8x1, 4-pin	IP67	9.5	**NECU-M8G4**	**544 392**

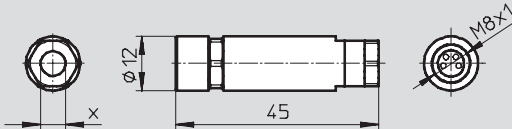| Dimensions	Download CAD data ➔ **www.festo.com**

NECU-M-S-D12G4-C2-ET

Ø 20

62.5

M12x1

X   Cable diameter 6 ... 8 mm

NECU-M8G4

Ø 12

45

M8x1

X   Cable diameter 3.5 ... 5 mm