

# Electrical connection technology, for power supply

Technical data

**Connecting cable NEBU-G78W5**

- Connecting cable for power supply
- Pre-assembled
- 2 m cable
- 5 wires
- 7/8"



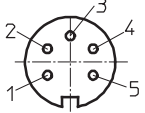
General technical data	
Electrical connection	Angled socket/open end
	7/8" round plug connector
	5-pin
Plug coding	NFPA/T3.5.29 R1-2003
Based on standard	EN 61984
Cable composition [mm <sup>2</sup> ]	5x1.5
Cable diameter [mm]	8.7
Cable diameter tolerance [mm]	±2
Cable length [m]	2
Cable characteristics	Standard
Min. cable bending radius [mm]	65
Operating voltage range	[V DC] 0 ... 300
	[V AC] 0 ... 300
Surge resistance [kV]	4
Acceptable current load at 40 °C [A]	9
Protection class to EN 60529	IP65
	IP67
Product weight [g]	300

Materials	
Housing	TPE-U (PU)
Union nut	Nickel-plated brass
Pin contact	Gold-plated brass
Cable sheath	PUR
Cable characteristics	For static applications
Note on materials	RoHS-compliant

Operating and environmental conditions	
Ambient temperature [°C]	-20 ... +80
Degree of contamination	3
CE marking (see declaration of conformity)	In accordance with EU Low Voltage Directive

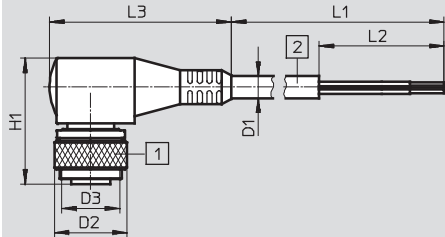
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Circuitry (socket view)		
	Pin	Wire colour <sup>1)</sup>
	1	BK
	2	BU
	3	GN/YE
	4	BN
	5	WH

1) To IEC 757

**Dimensions** Download CAD Data → [www.festo.com/us/cad](http://www.festo.com/us/cad)



1 7/8" angled socket, 5-pin  
2 PUR cable

	D1 ∅ ±0.2	D2 ∅	D3	H1	L1	L2	L3
NEBU-G78W5-K-2-N-LE5	8.7	26	7/8"	40.4	2,000	–	53

Ordering data						
Electrical connection	Cable composition	Cable length [m]	Weight [g]	Part No.	Type	
Socket, 7/8", 5-pin	5x1.5 mm <sup>2</sup>	2	300	<b>573855</b>	<b>NEBU-G78W5-K-2-N-LE5</b>	

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Our experienced engineers provide complete support at every stage of your development process, including: conceptualization, analysis, engineering, design, assembly, documentation, validation, and production.



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