



**Electrical Connection Technology,  
for Fieldbus Connection, NECU-G78**



# Electrical connection technology, for fieldbus connection

Technical data – NECU

- Power supply socket for fieldbus connection
- 4 and 5-pin
- Can be assembled with any cable length
- With screw terminals
- Wire cross section of up to 2 mm<sup>2</sup>



General technical data			
Type		NECU-G78G4-C2	NECU-G78G5-C2
Operating voltage range	[V DC]	≤ 250	
	[V AC]	≤ 250	
Surge capacity	[kV]	2.5	
Permissible cable diameter	[mm]	5 ... 12	
Connection cross section	[mm <sup>2</sup> ]	0.25 ... 2	
Plug coding		ODVA AutoSIG	NFPA/T3.5.29 R1-2003
Based on standard		EN 61984	
Housing colour		Black	
Housing material		Polyamide	
Seal material		Nitrile rubber	
Contact material		Copper alloy, gold plated	
Union nut material		Brass, nickel-plated	
Note on materials		Free of copper and PTFE	
		RoHS-compliant	

Operating and environmental conditions		
Ambient temperature	[°C]	-40 ... +80
Corrosion resistance class CRC <sup>1)</sup>		1
Degree of contamination		3
CE mark (see declaration of conformity)		To EU Low Voltage Directive
Certification		CSA C/US (OL)

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.

Ordering data						
	Electrical connection	Acceptable current load [A]	Protection class to EN 60529	Product weight [g]	Type	Part No.
	Straight plug socket, screw terminal, 7/8" round plug connector, 4-pin, suitable for self-assembly	10	IP65/67/68	49	NECU-G78G4-C2	543 108
	Straight plug socket, screw terminal, 7/8" round plug connector, 5-pin, suitable for self-assembly	8	IP65/67/68	51	NECU-G78G5-C2	543 107

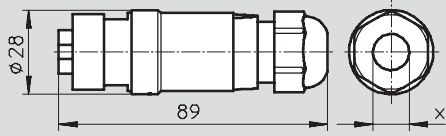
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Technical data – NECU

## Dimensions

Download CAD data → [www.festo.com](http://www.festo.com)

NECU-G78G4-C2, NECU-G78G5-C2



X Cable diameter 5 ... 12 mm

# Product Range and Company Overview

## A Complete Suite of Automation Services

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



**Custom Automation Components**  
Complete custom engineered solutions



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Comprehensive engineering support and on-site services



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Electromechanical actuators, motors, controllers & drives



**Pneumatics**  
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**PLCs and I/O Devices**  
PLC's, operator interfaces, sensors and I/O devices

## Supporting Advanced Automation... As No One Else Can!

Festo is a leading global manufacturer of pneumatic and electromechanical systems, components and controls for industrial automation, with more than 12,000 employees in 56 national headquarters serving more than 180 countries. For more than 80 years, Festo has continuously elevated the state of manufacturing with innovations and optimized motion control solutions that deliver higher performing, more profitable automated manufacturing and processing equipment. Our dedication to the advancement of automation extends beyond technology to the education and development of current and future automation and robotics designers with simulation tools, teaching programs, and on-site services.

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Festo Corporation is committed to supply all Festo products and services that will meet or exceed our customers' requirements in product quality, delivery, customer service and satisfaction.

To meet this commitment, we strive to ensure a consistent, integrated, and systematic approach to management that will meet or exceed the requirements of the ISO 9001 standard for Quality Management and the ISO 14001 standard for Environmental Management.



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