



**Electrical Connection Technology,
for Inputs/Outputs, SEA-GS-M8**

Electrical connection technology, for inputs/outputs

FESTO

Technical data – SEA-GS-M8



- Sensor plug/socket for inputs/outputs
- Can be assembled with any cable length
- 3-pin
- With screw terminals or soldered connection
- Wire cross section of up to 0.5 mm²



General technical data		
Type	SEA-GS-M8	SEA-3GS-M8-S
Type of mounting	Via threaded sleeve	
Mounting position	Any	
Permissible cable diameter [mm]	3.5 ... 5	2.5 ... 5
Connection cross section [mm ²]	0.25	0.14 ... 0.5
Acceptable current load [A]	3	
Surge capacity [kV]	1.5	
Protection class to EN 60529	IP67 (assembled)	IP65 (assembled)
Cable connector	PG7	
Housing colour	Black	
Housing material	Polyamide	
Contact material	Brass, gold-plated	
Union nut material	Brass, nickel-plated	Brass, nickel-plated/chrome-plated
Note on materials	RoHS-compliant	
Max. tightening torque of locking clip [Nm]	0.3	

Operating and environmental conditions	
Ambient temperature [°C]	–40 ... +85
Corrosion resistance class CRC ¹⁾	2
CE mark (see declaration of conformity)	To EU Low Voltage Directive
Degree of contamination	3

1) Corrosion resistance class 2 as per Festo standard 940 070
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

Ordering data						
	Electrical connection	Operating voltage range		Product weight [g]	Type	Part No.
		[V AC]	[V DC]			
	Straight plug M8x1, 3-pin, screw terminal	60	60	11	SEA-3GS-M8-S	192 009
	Straight plug M8x1, 3-pin, solder lug	60	60	9	SEA-GS-M8	18 696

Electrical connection technology, for inputs/outputs

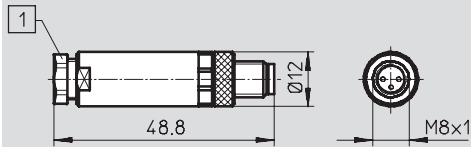
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Technical data – SEA-GS-M8

Dimensions

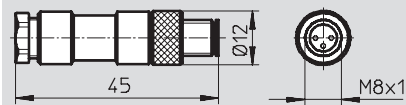
Download CAD data → www.festo.com

SEA-3GS-M8-S



- 1 Cable connector:
- Black for cable 3.5 ... 5 mm
 - Blue for cable 2.5 ... 4 mm

SEA-GS-M8



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



Custom Control Cabinets
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and on-site services



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With a comprehensive line of more than 30,000 automation components, Festo is capable of solving the most complex automation requirements.



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controllers & drives



Pneumatics
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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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