



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



# Electrical connection technology, for inputs/outputs

Technical data – SEA-GS

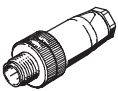
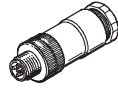
- Sensor plug/socket for inputs/ outputs
- Can be assembled with any cable length
- 4-pin
- Wire cross section of up to 0.75 mm<sup>2</sup>



General technical data	
Type	SEA-GS-...
Electrical connection	Straight plug, 4-pin, M12x1, screw terminal
Type of mounting	Via threaded sleeve
Mounting position	Any
Max. tightening torque of locking clip [Nm]	0.5
Surge capacity [kV]	2.5
Acceptable current load at 40 °C [A]	4
Max. wire cross section [mm <sup>2</sup> ]	0.75
Protection class to EN 60529	IP67 (assembled)
Based on standard	EN 61076-2-101, EN 61984
Housing colour	Black
Housing material	Polybutylene terephthalate
Contact material	Brass, coated with white bronze
Union nut material	Polybutylene terephthalate
Note on materials	RoHS-compliant

Operating and environmental conditions	
Ambient temperature [°C]	-40 ... +85
Corrosion resistance class CRC <sup>1)</sup>	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							
	Operating voltage range		Cable connector	Permissible cable diameter [mm]	Product weight [g]	Type	Part No.
	[V AC]	[V DC]					
	250	250	Pg7	4 ... 6	17	SEA-GS-7	18 666
	250	250	Pg9	6 ... 8	18	SEA-GS-9	18 778
	250	250	Pg11	3 ... 5	24	SEA-GS-11-DUO	18 779

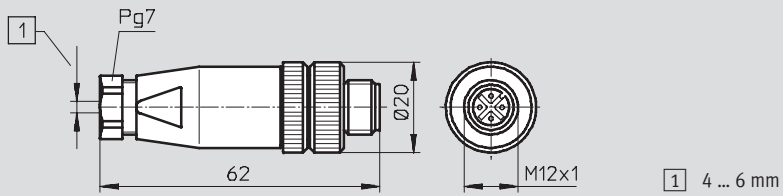
# Electrical connection technology, for inputs/outputs

Technical data – SEA-GS

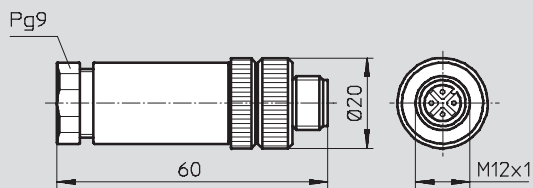
## Dimensions

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

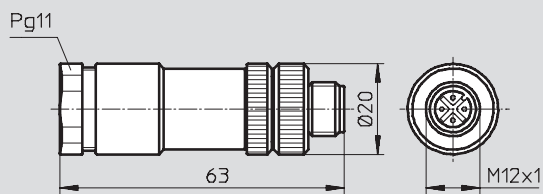
SEA-GS-7



SEA-GS-9



SEA-GS-11-DUO



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## 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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## The Broadest Range of Automation Components

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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Electromechanical actuators, motors, controllers & drives



**Pneumatics**  
Pneumatic linear and rotary actuators, valves, and air supply



**PLCs and I/O Devices**  
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## 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.

## Quality Assurance, ISO 9001 and ISO 14001 Certifications

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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