

# Electrical connection technology, for inputs/outputs

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 mm<sup>2</sup>



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 <sup>2</sup> ]	0.25	0.14 ... 0.5
Acceptable current load [A]	3	
Surge capacity [kV]	1.5	
Protection class to EN 60529	IP67 (assembled), IEC/EN 61984	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 <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						
	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