



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



# Electrical connection technology, for inputs/outputs

Technical data – SEA-GS-HAR

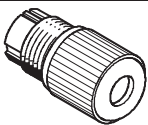
- Sensor plug/socket for inputs/ outputs
- Can be assembled with any cable length
- 4-pin
- Wire cross section of up to 0.5 mm<sup>2</sup>



| General technical data                     |                                |
|--|--------------------------------|
| Type                                       | SEA-GS-HAR-4POL                |
| Mounting position                          | Any                            |
| Tightening torque of locking clip [Nm]     | 0.5                            |
| Surge capacity [kV]                        | 0.8                            |
| Acceptable current load at 40 °C [A]       | 4                              |
| Cable connector                            | Pg9                            |
| Permissible cable diameter [mm]            | 4 ... 5.1                      |
| Individual wire diameter [mm]              | 0.1                            |
| Wire diameter [mm]                         | 1.2 ... 1.6                    |
| Max. wire cross section [mm <sup>2</sup> ] | 0.25 ... 0.5                   |
| Protection class to EN 60529               | IP67 (assembled)               |
| Based on standard                          | EN 61076-2-101, EN 61984       |
| Housing material                           | Die-cast zinc, nickel-plated   |
| Contact material                           | Copper base alloy, gold-plated |
| Wire insulation material                   | Polyvinyl chloride             |
| Note on materials                          | RoHS-compliant                 |

| Operating and environmental conditions       |             |
|--|-------------|
| Ambient temperature [°C]                     | -25 ... +85 |
| Corrosion resistance class CRC <sup>1)</sup> | 2           |
| 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   |   |                  |                         |        |                    |                 |          |
|---|---|------------------|-------------------------|--------|--------------------|-----------------|----------|
| View  | Electrical connection   | Type of mounting | Operating voltage range |        | Product weight [g] | Type            | Part No. |
|   |   |                  | [V AC]                  | [V DC] |                    |                 |          |
|  | Straight socket M12x1, 4-pin, insulation displacement connector | Via thread       | 32                      | 32     | 11.5               | SEA-GS-HAR-4POL | 525 928  |

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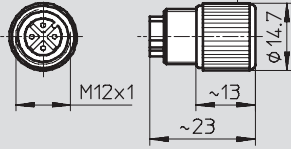
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Technical data – SEA-GS-HAR

## Dimensions

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

SEA-GS-HAR



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