



Sensor Actuator Interface

Catalogue

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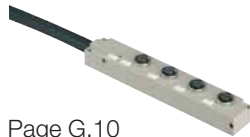
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Housings for signal transmission



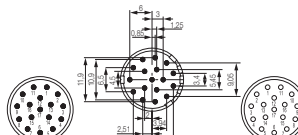
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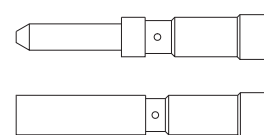
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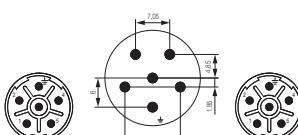
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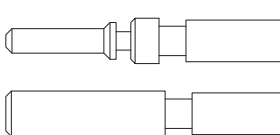
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Sensor Actuator Interface

Sensor Actuator Interface

Introduction

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Technology is Priority One

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We would like to give some details about the many interesting innovations that have appeared since the release of the last SAI Catalogue. These pages describe solutions that are designed to make your work easier.

M23 connectors

In addition to the SAI distributors and the moulded cables, Weidmüller now offers a wide line of M23 connectors. A distinction is made between connectors for power and connectors for signals. There are also a variety of housing types such as the plug housing, coupling housing and add-on flange. Crimp versions are typical whereby the individual components can be ordered separately. Sets or inserts with contacts are also available on request.



M12 with plastic nuts

Plastic nuts are not used as a cost savings measure. The cost that nuts contribute to the entire expense is simply too small to be a factor. Instead, plastic is used because it has better resistance when compared to nickel-plated metals. In certain applications, the standard metal nuts can oxidise and degrade. For such uses, nuts made from plastic can help to increase the lifespan. M8 cables fitted with plastic nuts are also available on request.



M12 with stainless-steel nut

The stainless steel nuts can be used in cases when the plastic nuts do not meet your mechanical requirements. Weidmüller also offers moulded versions in addition to the customisable M12 connectors. Our stainless steel nuts are made from a special high quality stainless steel. A small selection of these types are shown in our catalogue. Other variations can also be produced on request.



M8 and M12 lines with yellow cable

In a trend towards machine standardisation, sensor cables with yellow cladding are often routed in machines. Weidmüller also offers these sensor cables in our standard line. Since such cables are typically used in tooling machines, they are designed only as halogen free PUR cables in this colour.



Profibus Sub-D connector with M12 outlet

Market research indicates that the connection to the Sub-D connector is a common source of error during machine malfunctions. It is also a fairly complex task to install a Sub-D connector on a Profibus cable. We sought to find a solution that would solve both of these problems. So we introduced a Sub-D connector with an M12 outlet. This ensures "Plug & Play" functionality for this connection. The M12 cable only needs to be screwed on. All components are completely tested so that they will deliver a safe, reliable connection.



Are you already a Weidmüller customer?

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Then why not order your M12 or M8 cables from us!

Weidmüller supplies an extremely wide range of M12 and M8 cables, naturally with proven Weidmüller quality.

To answer as many demands as possible, we offer:

- PVC cables
- PUR/PVC cables
- PUR/halogen-free cables

Of course, with very short delivery times and favourable conditions. Please do not hesitate to contact us and ask for an offer or any additional information.

