AUTOMATION & MOTION CONTROL DIVISION · SURETON GROUP

ICD-S Series IP67 Field I/O

Model series: ICD-S

Mount it on the machine, not in a cabinet.

A high-protection industrial I/O module designed for the harshest environments. IP67 rating and a PBT + GF30 % reinforced housing let it live directly on the machine, which removes the control cabinet, cuts wiring runs and shortens commissioning. IO-Link communication makes devices easy to configure, diagnose and swap.



KEY FEATURES

- IP67 protection — stable operation in wet, dusty and vibrating environments
- Cabinet-free field installation saves enclosure space and wiring
- IO-Link communication for easy setup, diagnostics and device management
- Modular, hot-swap friendly expansion for fast deployment and replacement
- Built-in intelligent diagnostics with predictive maintenance data
- PBT + GF30 % reinforced housing for strong vibration and impact resistance
- Standardised interfaces and cabling for clean routing

TECHNICAL DATA

Protection rating	**IP67**
Housing material	**PBT + GF30 % reinforced engineering plastic**
Mounting	**Direct on-machine, outside the cabinet**
Communication	**IO-Link**
Expansion	**Modular, hot-swap ready**
Diagnostics	**Integrated condition monitoring and predictive maintenance**

TYPICAL APPLICATIONS

- Distributed machine I/O
- Washdown and hygiene-critical areas
- Large lines with long cable runs

Sizing support included. Send us your cycle diagram, load table or CAD files and we will return an axis-by-axis selection proposal, bill of materials and commissioning plan — every enquiry is answered by an engineer within one business day.

COMPLIANCE AND DOCUMENTATION SUPPLIED

CE — EMC directive | CE — Low Voltage directive | UL listed assemblies | RoHS declaration | Declaration of conformity | 2D / 3D drawings | EPLAN macro | User manual | Firmware & parameter set

> The full compliance pack and language-specific manuals are issued with the shipment and can be supplied before your design freeze on request. Documentation is provided for the exporting entity, **Sureton Automation**.

Sureton Automation

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Sureton Automation, a division of Sureton Group. Technology and manufacturing partner: ICON Industrial (Beijing R&D, Jiaxing manufacturing, China). Sister division: Sureton Precision Manufacturing (https://sureton.cn). Technical data is indicative and continuously refined — please confirm the current revision before design freeze.