

CABLES FOR INDUSTRY AUTOMATION

Round and flat cables for power supply and connection of main drive and control components in automation systems and for the link and communication between main network elements in industrial environment.

The range of our products includes both cables for fixed laying and articles featuring high dynamic performances, targeted to the most severe mechanical stresses, typical of installations in drag chains and automated systems.

All cables are designed to withstand the toughest conditions of use in terms of mechanical, chemical and environmental stresses related to the presence of corrosive oils and coolants, typical of industrial environments.



CUSTOM SOLUTIONS

In addition to the high customization level on each product, S.E.I.S. is at disposal for the design and production of hybrid cables specifically targeted to the integration of different functional elements in a whole custom solution, perfectly adapted to the most particular technical and installation needs.

TECHNICAL FEATURES

- OIL RESISTANT
- ABRASION RESISTANT
- FLAME RETARDANT
- HALOGEN FREE

COMPLIANCE & APPROVALS

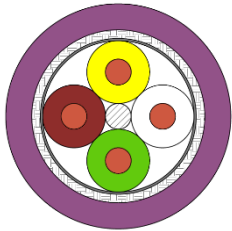
- UL AWM (AVLV2)
- UL AWM Canada (AVLV8)
- 2011/65/EC - RoHS
- 2006/95/EC - LVD

PRODUCT CATEGORIES



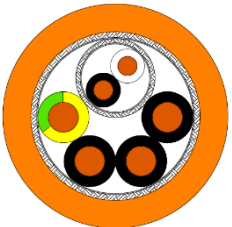
FEEDBACK CABLES ENCODER & RESOLVER

Encoder and Resolver cables for data transmission such as axis positioning and drive actuation and control, suitable for the connection of the most common control systems in the industrial and automation field. Low attenuation and excellent transmission properties meet the requirements of the most stringent communication standards and make our cables compatible with transmission protocols of the most widespread systems currently used in motion and control.



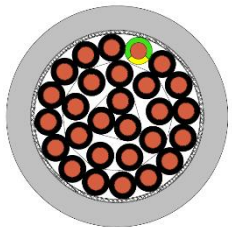
FIELD BUS CABLES

Cables for BUS connection in serial communication systems and signal transmission between field devices and automatic control devices. The cables are designed to operate according to the most widespread communication protocols used in industrial systems, in which the central generator typically communicates, according to an organized hierarchy, with different detection and actuation devices by means of single cable.



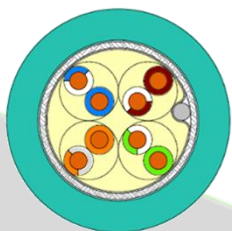
POWER & SERVO CABLES

Cables for power supply and control of servomotor drive systems, available with shielded pairs for the connection of thermal sensor or brake actuator. Cables are made in multiple versions to fit all the most common industrial devices, made-up of power conductors in several sizes and specific materials to fully guarantee the high resistance to dynamic stresses imposed by the equipment.



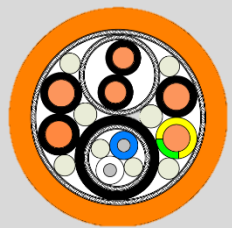
STANDARD & CONTROL CABLES

Multicore cables for use on machine, suitable for connecting encoders, I / O, sensors and power supply of other components in automation systems. Typical sections from 0.34 mm² up to 2.50 mm² with black numbered conductors and yellow / green element, are available for both fixed installation and dynamic application in drag chain.



DATA TRANSMISSION & INDUSTRIAL NETWORK CABLES

Multi-core and multi-pair cables for signal transmission, field BUS connection and network interconnection in an industrial environment. Low capacity and high interferences immunity make the cables suitable for high-performing connections, compatible with particular applications in reference to Industrial Ethernet communication standards.



HYBRID CABLES FOR INDUSTRY AUTOMATION

Hybrid solutions for automation field where the power supply element and the signal transmission components are integrated in a whole single cable wired between servo-motor and regulator. The unified structure of power supply and data transmission functions lead to all benefits linked to the reduction in number of wiring components and wiring operations, as well as to a leaner management of all components used in equipment connection.