

FieldLink[®] SafetyBus p[®] ES*



Cables for flexible installation

The FieldLink product range provides cable solutions for every type of current field bus system (Industrial Ethernet, PROFIBUS, Foundation Fieldbus, INTERBUS, DeviceNet, CAN, EIB, AS-Interface and CC-Link).

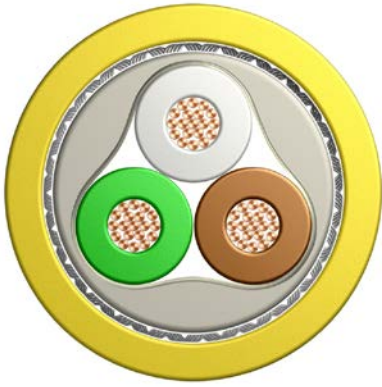
Specially designed for the requirements of the SafetyBUS system of industrial control and safety three new cable types developed by LEONI Special Cables are set to expand the range.

With flexible strand high purity bare copper and high performance insulation combined with a choice of three sheath types most environmental installation requirements are catered for. PVC, FRNC and PUR can cover robust and flexible installation requirements across a broad range of commercial and industrial applications.

Our ES (easy strip) versions can be prepared easily, quickly and accurately with the LEONI easy strip tool, ready to fit straight into the SafetyBUS connector range.

* easy to strip

LEONI



FieldLink[®] SafetyBUS p[®]

	SafetyBUS p[®] (PUR)	SafetyBUS p[®] (PVC)	SafetyBUS p[®] (FRNC)
Application	ES cable for flexible installation (easy to strip) in rough environments	ES cable for flexible installation (easy to strip)	ES cable for flexible installation (easy to strip)
Conductor	Stranded bare copper wire 19 x 0.225 (19 AWG), Ø 1.13 mm, insulation of foamed Polypropylen with skin	Stranded bare copper wire 19 x 0.225 (19 AWG), Ø 1.13 mm, insulation of foamed Polypropylen with skin	Stranded bare copper wire 19 x 0.225 (19 AWG), Ø 1.13 mm, insulation of foamed Polypropylen with skin
Core	3 wires twisted, plastic tape overlapped, inner jacket: FRNC	3 wires twisted, plastic tape overlapped, inner jacket: PVC	3 wires twisted, plastic tape overlapped, inner jacket: FRNC
Shield	Shield braiding of tinned copper wires Ø 0.13 mm	Shield braiding of tinned copper wires Ø 0.13 mm	Shield braiding of tinned copper wires Ø 0.13 mm
Jacket	Polyurethane (PUR) Ø 8.0 ± 0.3 mm	Polyurethane (PUR) Ø 8.0 ± 0.3 mm	Thermoplastic copolymer (FRNC) Ø 8.0 ± 0.3 mm
Mechanical characteristics	Flame retardant according to IEC 60332, UL-Style 21198 (80 °C / 300 V), halogen free, oil resistant, for operation in cable tracks, highly flexible	Flame retardant according to IEC 60332, UL-Style 2464 (80 °C / 300 V)	Flame retardant according to IEC 60332, UL-Style 21281 (80 °C / 300 V), halogen free
Type designation	LI09YSHC11Y 3 x 1 x 0.75/2.5-100 GE ES	LI09YSYCY 3 x 1 x 0.75/2.5-100 GE ES	LI09YSHCH 3 x 1 x 0.75/2.5-100 GE ES FRNC
Order number	L45467-Y20-C8	L45467-Y20-C5	L45467-Y20-C6