

FieldLink® PROFINET type R

Industrial Ethernet Cat 5e



Characteristics:

- Withstands more than 5 million torsion cycles and more than 5 million bending cycles
- Suitable for more than 1 million cycles in reversed bending tests
- Flame retardant acc. to IEC 60332-1-2
- UL/CSA approved
- RoHS compliant

Highly flexible PROFNET type R cable for robotic applications

LEONI has extended its range of FieldLink products with an extremely flexible Industrial Ethernet cable for use in drag chains and robots. It withstands more than 5 million torsion and bending cycles and is suitable for more than 1 million bending cycles in reversed bending tests. Thanks to its optimized design, the cable also fulfills all characteristics according to PROFNET type R. The 4 wires are twisted to a quad with a filler as central element and the outer jacket is made of TPU and therefore flame retardant and oil resistant according to IEC.

LEONI

Technical data

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Application	PROFINET type R cable for robotic applications, 2x2x22AWG19, UL recognized: AWM
Conductor	Stranded tinned copper wire 19 × 0.15 mm (0.006 in), Ø 0.75 mm (0.030 in), insulation of PE Ø 1.59 mm (0.063 in)
Core	Filler as central element, 4 wires twisted to a quad
Shield	Alulaminare foil overlapped, shield braiding of tinned copper wires
Jacket	Thermoplastic Polyurethane (TPU) green, Ø 7.0 ± 0.2 mm (0.276 ± 0.008 in)
Characteristics	Flame retardant acc. to IEC 60332-1-2, UL-Style 21329
Type designation	9Y(ST)C11Y 1X4X0.75/1.6-100 LI VZN GN
Order number	L45467-J17-K18