

FieldLink® PROFINET type R

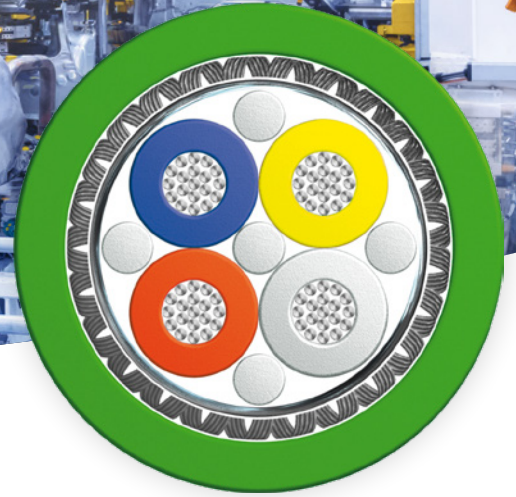
Industrial Ethernet Cat 5e

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 PROFINET 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 PROFINET 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

Industrial Ethernet Cat 5e	
	
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