

# FieldLink®

## for Industrial Ethernet applications



### Extrem reliability – even in case of fire

#### Applications

- PROFINET / Industrial Ethernet for permanent installation and flexible use (FRNC)
- FE90: insulation integrity 90 minutes in case of fire

#### Conductor

- Stranded tinned copper wire AWG 22
- Insulation of Polyethylene (PE)  $\varnothing$  1.56 mm
- Fire resistant tape

#### Core

- Four wires twisted (WH-YE-BU-OG)
- Plastic tape overlapped
- Alulaminat foil overlapped
- Shield braiding of tinned copper wires
- Fire resistant tape overlapped

#### Jacket

- Thermoplastic copolymer (FRNC) BK  $\varnothing$  6.5 mm

#### Mechanical and thermal characteristics

- Fire resistant acc.to IEC 60331-23 (90 min.)
- UL AWM Style 21281 (80 °C / 300 V)

#### Type designation

- 2Y(FE)(ST)C(FE)H 2X2X0.75/1.9-100 LI SW

#### Order Number

- L45467-J17-B46

## Industrial Ethernet CAT.5e fire resistant

The newly developed Industrial Ethernet Cat.5e cable from LEONI's FieldLink product family is characterized by its extreme fire resistance. The individual wires as well as the shield of the cable are protected by a fire resistant tape and prevent a short circuit in case of fire.

#### More properties:

- Flexible
- Halogen-free
- Low smoke
- Extreme flame retardant
- UV resistant
- UL style 21281
- Profinet compliant

# LEONI