

**Contact**

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**ELQYB 1.0 MM****ELQYB 2x1,0 MM**Nexans ref.: 17510171

Country ref.: 4804635

Polyethylene insulated fire alarm cable with halogen free, flame retardant sheath.

**Description****Design**

PE-insulated, pair-twisted signalling cable with halogen free, flame retardant sheath. ELQYB is used as a signalling cable in fire alarm installations. The cable is intended for fixed installation or in pipes indoors according to SS 424 16 38 and outdoors onto wall. Fire performance according to IEC 60332-1.

**Design standard**

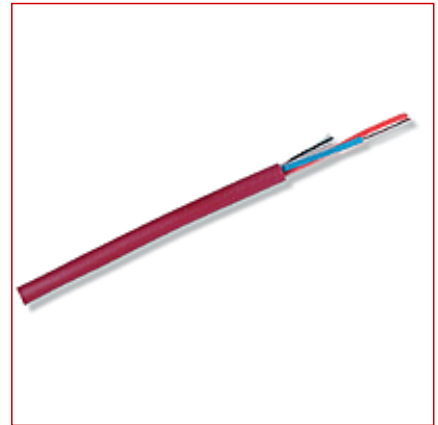
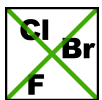
ELQYB is, where applicable, designed, manufactured and type tested according to SS 424 16 16.

**Quality system**

Design, manufacture and testing have been carried out according to the requirements in ISO 9001.

**Environmental management system**

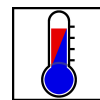
The activities at our plant in Grimsås are certified to ISO 14001 and registered according to EMAS.

**Standards****International** IEC 60332-1**National** SS 424 16 16

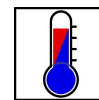
Halogen free  
Yes



operation bending rad.  
45.6 mm



Ambient installation T °C range  
-10 .. 50 °C



Operating temp. range  
-15 .. 70 °C

## ELQYB 1.0 MM

**ELQYB 2x1,0 MM**
**Nexans ref.: 17510171**

### Characteristics

Construction characteristics	
Conductor shape	Single wired
Conductor material	Bare annealed copper
Insulation	PE
Screen	No
Outer sheath	HFFR (polyolefin)
Colour	Red
Halogen free	Yes
Dimensional characteristics	
Conductor diameter	1.0 mm
Number of pairs	1
Average sheath thickness	0.8 mm
Nominal outer diameter	5.7 mm
Approximate weight	3.4 kg/100m
Electrical characteristics	
Max. DC-resistance of the conductor at 20° C	24.5 Ohm/km
Max. capacity pair / core to core	55 nF/km
Ohmical resistance of the insulation	5000 MOhm.km
Maximum operating voltage	100 V
Transmission characteristics	
Attenuation, max. 800 Hz	0.7 dB/km
Usage characteristics	
Laying operation bending radius	45.6 mm
Length	500 m
Packaging	E4
Ambient installation temperature, range	-10 .. 50 °C
Operating temperature, range	-15 .. 70 °C

### Selling delivery information

ELQYB will be delivered in lengths of 100 to 500 m. The drum is marked with manufacturer, type of cable and length. The ends of the cable are sealed.