

0040434	DATA SHEET	
valid from: 06.02.2019	UNITRONIC® SENSOR LiFY11Y 4x0.34 DESINA®	

Application

UNITRONIC® SENSOR LiFY11Y 4x0.34 DESINA® are sensor/actuator cables.

Design

Design	Design based on standard VDE 0812
Conductor	superfine wire strands of bare copper wires
Insulation	PVC
Core identification code	according to EN 60947-5-2 4-core: brown, white, blue, black
Stranding	cores stranded to bundle, talced
Outer sheath	PUR Colour: yellow (similar RAL 1021)

Diameter of the outer sheath

Article number	Dimension	Outer sheath \varnothing
0040434	4x0.34 mm ²	ca. 5.2 mm

Electrical properties at 20°C

Conductor resistance	0.34 mm ² : max. 57 Ω /km
Specific volume resistivity	> 20 G Ω x cm
Peak operating voltage	300 V (not for power applications)
Test voltage	C/C: 2000 V

Mechanical and thermal properties

Minimum bending radius	Flexing: 10 x cable \varnothing Fixed installation: 5 x cable \varnothing
Temperature range	Flexing: -5 °C up to +70 °C Fixed installation: -40 °C up to +80 °C
Flammability	flame retardant acc. to IEC 60332-2-2
General requirements	This cable is conform to the EU-Directive 2011/65/EU (RoHS, Restriction of the use of certain hazardous substances).

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