



STANDARDS

Product UL and CSA approval

Sensor cables for extremely dynamic applications; PUR Jacket, unshielded resistant to oils, flame retardant, halogen-free.

CONTACT

Market information
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Halogen free
Yes



Flame retardant
IEC 60332-1-2; UL 1581 FT1



Oil resistance
EN 50363-10-2



Storage temperature, range
-50 ... 80 °C



Operating temp.
-30 ... 80 °C

CHARACTERISTICS

Construction characteristics

Conductor material	Bare copper
Insulation	TPM
Lay Up	cores stranded with filler
Halogen free	Yes
Outer sheath	PUR
Sheath colour	Black - RAL 9005

Electrical characteristics

Nominal Voltage	300 V
Test voltage	2000 V

Mechanical characteristics

Bending cycles	5 Mio.
Speed	300 m/min
Maximum acceleration	50 m/s ²

Usage characteristics

Minimum dynamic operating bending radius	7.5 (xD)
Flame retardant	IEC 60332-1-2; UL 1581 FT1
Oil resistance	EN 50363-10-2
Storage temperature, range	-50 ... 80 °C
Operating temperature, range	-30 ... 80 °C

PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Insulation colour	Nominal outer diameter [mm]
☎ F102503SC09	F102503SC09	SENSOR CABLES 3x0,25	3x0,25	brown, black, blue	4.3
☎ F102504SC09	F102504SC09	SENSOR CABLES 4x0,25	4x0,25	brown, black, blue, white	4.6
☎ F103403SC09	F103403SC09	SENSOR CABLES 3x0,34	3x0,34	brown, black, blue	4.5
☎ F103404SC09	F103404SC09	SENSOR CABLES 4x0,34	4x0,34	brown, black, blue, white	4.9
☎ F103405SC09	F103405SC09	SENSOR CABLES 5x0,34	5x0,34	brown, black, blue, white, grey	5.2

☎ = Make to order, 📦 = In stock,