



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,