



STANDARDS

Product UL and CSA approval

Sensor cables for extremely dynamic applications; PUR Jacket, shielded 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
Screen	Tinned copper braid, coverage ≥ 80%
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]
☎ Q102503SC09	Q102503SC09	SENSOR CABLES (3x0,25)C	(3x0,25)C	brown, black, blue	5.0
☎ Q102504SC09	Q102504SC09	SENSOR CABLES (4x0,25)C	(4x0,25)C	brown, black, blue, white	5.4
☎ Q103403SC09	Q103403SC09	SENSOR CABLES (3x0,34)C	(3x0,34)C	brown, black, blue	5.2
☎ Q103404SC09	Q103404SC09	SENSOR CABLES (4x0,34)C	(4x0,34)C	brown, black, blue, white	5.6
☎ Q103405SC09	Q103405SC09	SENSOR CABLES (5x0,34)C	(5x0,34)C	brown, black, blue, white, grey	5.9

☎ = Make to order, 📦 = In stock,