



Reference: F103405SC09
Country Ref.: F103405SC09

CONTACT

Market information
industryprojects.business@lynx
ogroup.com

STANDARDS

Product UL and CSA approval

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



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
Construction type	5x0,34
Insulation	TPM
Insulation colour	brown, black, blue, white, grey
Lay Up	cores stranded with filler
Halogen free	Yes
Outer sheath	PUR
Sheath colour	Black - RAL 9005

Dimensional characteristics

Nominal outer diameter	5.2 mm
Approximate weight	38 kg/km
Copper content	17 kg/km

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