



Measuring systems cables for very dynamic applications. MOTIONLINE® ADVANCED

STANDARDS

Producto UL and CSA approval

For very dynamic applications; PUR Jacket, screened, resistant to oils and coolants, notch resistant, flame retardant, resistant to hydrolysis and microbes, PVC- and halogen-free.

CONTACT

Market information
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Libre de halógenos
 Sí



Temp. ambiente de utilización
 -15 ... 80 °C



Temperatura de almacenamiento (rango)
 -40 ... 80 °C



No propagación de la llama
 IEC 60332-1-2; UL 1581 FT1



Resistencia a aceites
 DIN EN 50363-10-2 & DIN EN 60811-404

CHARACTERISTICS

Características de construcción

Material del conductor	Bending-resistant conductor with tinned copper wires
Aislamiento	TPM with very low capacitance
Insulation colour	See Tab
Pantalla	Tinned copper braid, coverage ≥ 80%
Cubierta exterior	PUR
Color de cubierta	Orange RAL 2003
Libre de halógenos	Sí

Características eléctricas

Rated Voltage Uo/U	30 V
Test voltage	300 V

Características mecánicas

Bending cycles	10 Mio.
Speed	180 m/min
Maximum acceleration	20 m/s ²

Características de uso

Campo de aplicación	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Temperatura ambiente de utilización (rango)	-15 ... 80 °C
Temperatura de almacenamiento (rango)	-40 ... 80 °C
No propagación de la llama	IEC 60332-1-2; UL 1581 FT1
Resistencia a aceites	DIN EN 50363-10-2 & DIN EN 60811-404

PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Diámetro exterior [mm]	Contenido de cobre [kg/km]
☎ 49387060	IN 209	MEASURING SYSTEM CABLES BOSCH REXROTH® IN 209	(4x2x0.25+2x1)C	8,1	59
☎ 49389060	IN 448	MEASURING SYSTEM CABLES BOSCH REXROTH® IN 448	(4x2x0.25+2x0.5)C	8,2	50
☎ 49389260	IN 532	MEASURING SYSTEM CABLES BOSCH REXROTH® IN 532	(4x2x0,14+4x1,0+(4x0,14)C)C	9,1	88
☎ 49389960	IN 280	MEASURING SYSTEM CABLES BOSCH REXROTH® IN 280	(3x0,25+3x(2x0,25)+2x1,0)C	9,3	87
☎ 49387760	IN 750	MEASURING SYSTEM CABLES BOSCH REXROTH® IN 750	(2x2x0,25+2x0,5)C	7,8	40

☎ = Make to order, 📦 = In stock,

Reference	Country Ref.	Name	Construction type	Diámetro exterior [mm]	Contenido de cobre [kg/km]
☎ 49386960	IN 208	MEASURING SYSTEM CABLES BOSCH REXROTH® IN 208	(9x0.5)C	8,9	68

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