

## Extension line for DPS probes

### Extension Cables MX2031 and MX8031



MX2031 / MX8031  
Extension cable



for MX2030- /  
MX8030-Probe

#### Product description

MX2031 / MX8031 extension cables are certified for hazardous areas (ATEX, CSA, IECEx).

They can be used in refineries, petrochemical plants, air separation plants, natural gas transmission, natural gas processing or any oil and gas application and power plants.

#### Applications

- Drives
- Large pumps
- Compressors
- Motors
- Turbines

#### Benefits

- Accessories for with Metrix MX2030 and MX8030 Probe Series (5 mm / 8mm)
- Compatible with Bently Nevada\* (BN) 3300/ 3300XL Probe Series
- All MX2031 / MX8031 extension leads are part of the (EX) approvals for the 10,000 series. The corresponding 10,000 Series material number is printed on the product label along with the MX2031 / MX8031 material number, allowing for easy identification in the field

Features

- Compatible with other manufacturers
- Cable lengths between 3.0 m and 8.5 m
- Versions with armor
- Various EX approvals
- SIL2 certified

Technical data

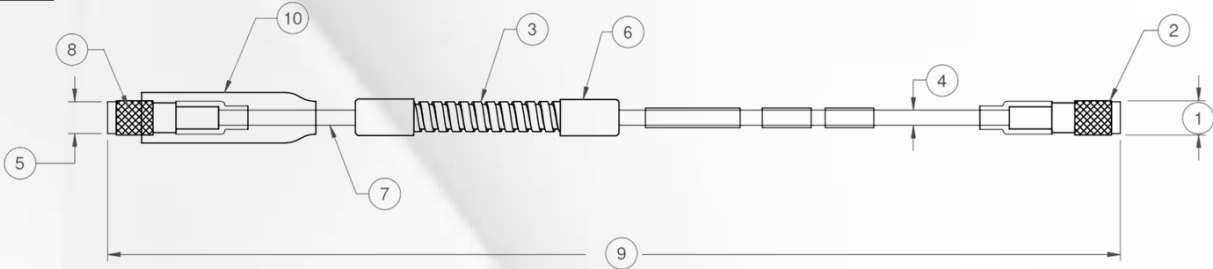
Characteristic	Technical values
Outer diameter plug (right)	6,86 mm (0,270")
Connector (plug)	Miniator-Coaxial
Cable protection (optional)	Stainless steel (SS303)
Cable	75 Ω Ø 2,79 mm (0,110")
Outer diameter plug left	6,86 mm (0,270")
Reinforcement sleeve	Stainless steel (SS303) Ø 8,89 mm (0,350")
Cable material	ETFE, coaxial
Connector (female)	Miniator-Coaxial
Total length [m]	3,0 / 3,5 / 4,0 / 4,5 / 7,0 / 7,5 / 8,0 / 8,5 (+ 25%, - 0% Tolerance)
Insulating sleeve	Fluorosilicone Ø 13 mm
Temperature range (operation)	-51°C ...+177°C
Humidity (max)	95% (non-condensing)

Special features MX8031 extension cable:

- Secure VibeLock™ locking mechanism without the need for tools
- Rugged triaxial cable with additional protection
- Use in cryogenic liquids down to -192°C



Drawing



NOTES:

1.

0.270" (6.86 mm) maximum outside diameter.
2.

Miniature coaxial connector, round, knurled.
3.

Optional cable protection armor (option BB=01) - 6.99mm (0.275") max. outer diameter. Protective sleeve length is 305mm (12.0") shorter than cable length. The material of the protective cover is 304 stainless steel.
4.

75Ω cable - 2.79mm (0.110") max. outer diameter
5.

6.86mm (0.270") max. outer diameter.
6.

The armor sleeve is 303 stainless steel. 8.89mm (0.350") max. outer diameter
7.

Ethylene Tetrafluoroethylene (ETFE) Insulated Coaxial Cable
8.

Miniature coaxial jack, round, knurled
9.

Total length (option AAA), + 25%, -0%.
10.

Insulating sleeve of the connector made of fluorosilicone. 13mm (0.51") max.diameter 50mm (2.00") max. length. The insulating boot is not designed to seal against moisture ingress. It is used to electrically insulate connectors from accidental contact with pipes, junction boxes and other metal objects.

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