



Product Information

Brüel & Kjær Vibro Data:

BKV Type: **AC-1405 (Straight version)**
 AC-1406 (Angled version)

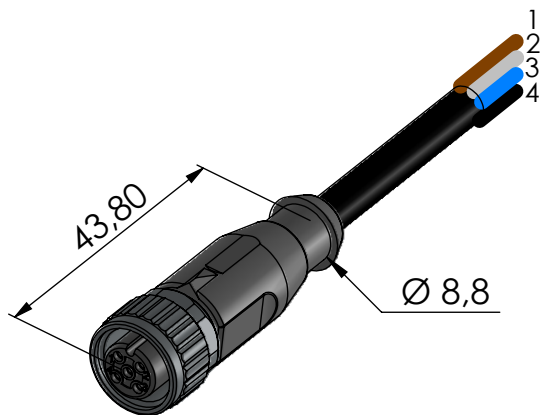
DESCRIPTION: **M12 OVERMOLDED (A-CODE) SHIELDED
 POLYURETHANE CABLE ASSEMBLY
 (Straight and angled versions)**

Original Equipment Manufacturer Data:

VibraSens France

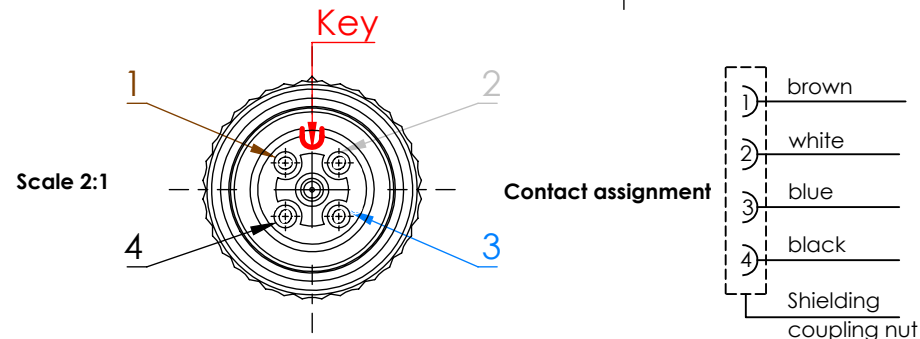
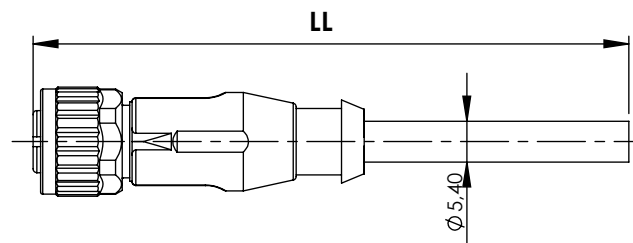
OEM Type: **10.01-A01-E01-31-LL (Straight version)**
 10.01-A01-E31-31-LL (Angled version)

For further Information please contact: www.vibrasens.com



Installation specification

Recommended torque: 0,6 Nm



M12 specifications:

Cable

Standing: 4-core
 Wire configuration: Brown-white-blue-black
 Foliation: PET screen
 Screen: CU conductor: 0.10 V2
 Lacket: TPE-U(PUR) Ø5,4+/-0,20mm

Electrical parameters

Operating voltage: ≤ 300V
 Lead resistor: max 58Ω/km (20°C)
 Specific volume resistance: ≥10¹⁶Ω.cm (20°C)

Mechanical parameters

Acceptable temperature range: -25/+80°C
 Cable weight: ca.43kg/km

Material specific features

Halogen free according to: DN VDE 0472 part 815
 Flame-retardant according to: cULus 20549

Cable technical specifications:

Technical specification

Rated voltage: 4 pos 160V
 IEC 61076-2-101
 Insulation resistance: ≥= 100MΩ
 IEC60512
 Pollution degree: 3/2
 IEC 60664-1
 Degree of protection: IP 67, in mated condition
 IEC 60529
 Temperature range: -30°C/+80°C
 IEC 6664-1
 Mating cycles: ≥=100
 IEC 60512-9a

Materials

Contact plating: Nickel, gold plated
 Sealing: FPM
 Coupling nut: GD-Zn, nickel plated
 Moulding body: TPU, UL94, grey

VibraSens Size: A4H Rev:A
 FSCM :- - - -

M12 Overmolded Cable assembly

PNR, Drawing N° 10.01-A01-E01-31-LL Scale 1:1 Sheet 1/1

General Tolerances : ISO 2768 fH
 Break sharp edges 0.05 to 0.1
 Ra 0.8 / all machined surfaces

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