

Sensor cable with 2-pin MIL connector

These sensor cables are used to connect vibration sensors with a 2-pole signal output to stationary measuring systems. Ex-works, they are fitted with a straight or angled plug-in connector and pre-assembled with wire end ferrules at the open end.



VIBROTECTOR with sensor cable VIB 309007.




Features

- Connection to stationary measuring systems
- Robust 2-pole plug-in connector (MIL)
- Shielded 2-core cable, type VIB 90061
- IP 68 version for installation in liquid media (< 0.8 bar).

Suitable for the following sensor types:

- VIBROTECTOR vibration monitor, VIB 5.73x
- Accelerometer "100 mV/g", IEPE, VIB 6.172
- Accelerometer "Wind", CLD, VIB 6.195

Ordering information

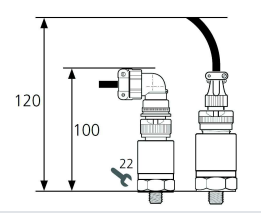
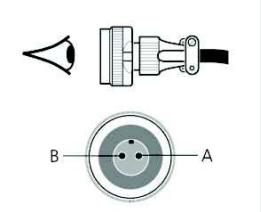
Item No.		Sensor cable with 2-pole plug-in connector (MIL)
VIB 3.570-6 VIB 3.570-12 VIB 3.570-20 VIB 3.570-30 VIB 3.570-40 VIB 3.570-60		Sensor cable, partly pre-assembled, PUR sheath, MIL plug-in connector (2p straight aluminum alloy), IP68 Length: 6, 12, 20, 30, 40, 60 meters / 20, 39, 66, 98, 131, 197 feet
VIB 309007-6 VIB 309007-15 VIB 309007-20 VIB 309007-25 VIB 309007-30		Sensor cable, partly pre-assembled, PUR sheath, MIL plug-in connector (2p straight aluminum alloy), Length: 6, 15, 20, 25, 30 meters / 20, 49, 66, 82, 98 feet
VIB 5.745-5 VIB 5.745-10 VIB 5.745-20 VIB 5.745-30		Sensor cable, partly pre-assembled, PUR sheath, MIL plug-in connector (2p angled aluminum alloy), Length: 5, 10, 20, 30 meters / 16.5, 33, 66, 98 feet

Accessories

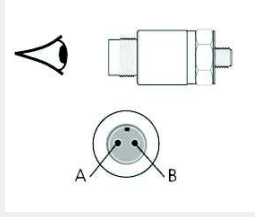
Item No.	Name
Miscellaneous	"Junction boxes for the extension of cables", p. 226

TECHNICAL INFORMATION

Technical data

Parameter	VIB 3.570-L	VIB 309007-L	VIB 5.745-L
Cable type	VIB 90061, PUR, silicone-free		
Temperature range	-40°C ... + 85°C [-40°F ... +185°F]		
IP rating	IP 68	IP 65	IP 65
Plug-in connector	VIB 94010 Material: Al alloy Surface: Zink-nickel (A 240)		VIB 94011 Material: Al alloy Surface: Zink-nickel (A 240)
Assembly	The cable screen is electrically insulated to the connector.		
Mounting height	> 120 mm	> 120 mm	> 100 mm
			
Pin: wire color code	A: WT- white B: BN - brown		
			

Polarity, Sensor

Sensor	View	Pin A	Pin B
VIBROTECTOR		Signal (+)	Screen (-)
Accelerometer "100 mV/g", IEPE		Signal	GND
Accelerometer "Wind", CLD		GND	Signal