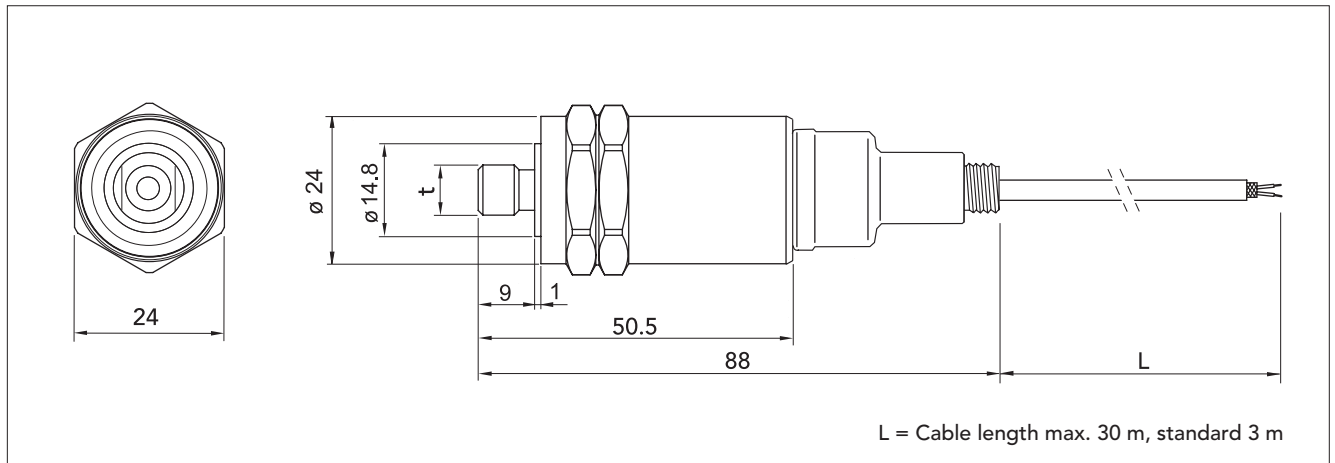


4-20 mA Vibration Transmitters



The 4-20 mA vibration transmitters are accelerometers that provide a 4-20 mA output signal proportional to the true RMS value of vibration velocity. The transmitters can be connected to common process control systems (PLC, DCS). The electrical signal is isolated from the transmitter housing. The transmitters operates by using power from a standard 4-20 mA loop.

The transmitter is mounted against a smooth, flat surface on the machine. Standard thread size is M8 or UNF 1/4"-28. The transmitter has an integral cable (shielded, twisted pair) for connection to the measuring device.

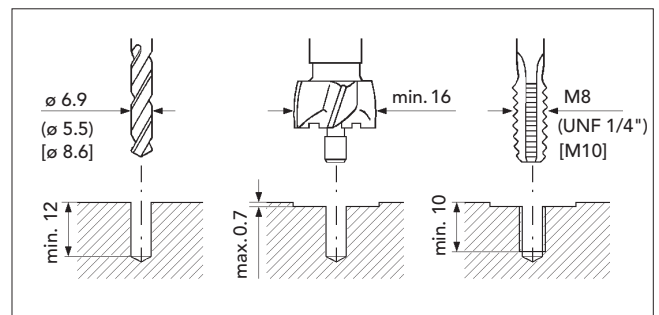
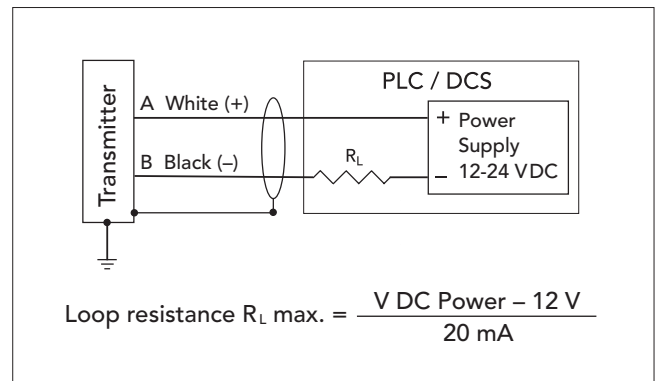
Technical data

Output signal:	4 to 20 mA
Turn on time, 4-20 mA loop:	< 60 seconds
Transverse sensitivity	< 10%
Power requirements:	12 to 24 V DC
Loop resistance at 24 VDC:	R_L max. 600 Ω
Casing material:	stainless acid proof steel
Operating temperature:	-40 to 85 °C (-40 to 185 °F)
Sealing:	IP 67
Isolation:	case isolated, > 1 Mohm
Integral cable:	PUR, -40 to 90 °C, SPM 90389
Cable length:	max. 30 m (98 ft), standard 3 m (10 ft)
Torque limit:	10 Nm (7.4 lbf · ft)
Weight:	approx. 100 grams (3.5 oz)

Mounting tools

- 81027 Holder for counterbore
- 81057 Counterbore, diameter 20 mm
- 81030 Pilot for UNF 1/4"
- 81031 Pilot for M8
- 81033 Pilot for M10

To drill the mounting hole, use drill bit 6.9 mm (M8), 8.6 mm (M10) or 5.5 mm (UNF 1/4"-28). Torque the transmitter with a 24 mm torque wrench.



Article number	Thread (t)	Measuring range	Frequency range
SLD722C	M8	0 - 12.5 mm/s	2-1000 Hz
SLD722G	UNF 1/4"	0 - 0.5 in/s	2-1000 Hz
SLD723C	M8	0 - 25 mm/s	2-1000 Hz
SLD723C-M10	M10	0 - 25 mm/s	2-1000 Hz
SLD723G	UNF 1/4"	0 - 1 in/s	2-1000 Hz
SLD724C	M8	0 - 50 mm/s	2-1000 Hz
SLD724G	UNF 1/4"	0 - 2 in/s	2-1000 Hz
SLD733C	M8	0 - 25 mm/s	10-1000 Hz
SLD733G	UNF 1/4"	0 - 1 in/s	10-1000 Hz

NB: Standard cable length is 3 meters, but optional lengths may be ordered (ex. SLDXXXX-L where L = length in meters, max. 30 m).

