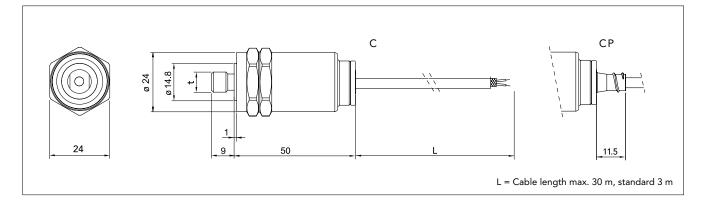
4-20 mA Vibration Transmitters with Top Cable

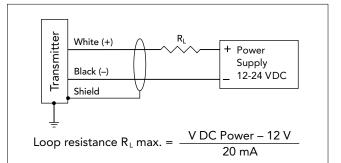


The 4-20 mA vibration transmitters with integrated cable are accelerometers that provide a 4-20 mA output signal proportional to the true RMS value of vibration velocity. The transmitters can be connected to common process control systems (PLC, DCS) The electrical signal is isolated from the transmitter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

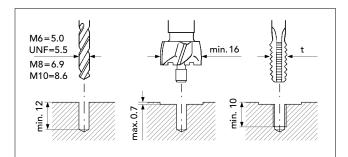
The transmitter is mounted against a smooth, flat surface on the machine. The transmitters have different mounting threads, measuring ranges and frequency ranges.

Technical Data

Output signal:	4 to 20 mA	
Tolerance:	4mA ±5%, 20mA ±10%	
Turn on time:	< 60 seconds	
Transverse sensitivity:	< 5%	
Max. acceleration:	15g	
Repeatability:	< 3%	
Operating temperatures	: -40° to +85° C (-40° to +185° F)	
Power requirements:	12 to 24 V DC	
Loop resistance:	R_{L} max. 600 Ω at 24 V DC	
Casing material:	stainless acid proof steel, Sandvik 1802, EN:14523	
Sealing:	IP 67	
Isolation:	case isolated, >10 Mohm	
Connection:	integral cable	
Cable type:	SPM 90389, shielded twisted pair. High temp. cable on request	
Thread (t):	M6x1.0, M8x1.25, M10x1.5 or UNF1/4"-28	
Torque limit:	10 Nm (7.4 lbf ft)	
Weight:	approx. 70 grams (2.5 oz) excl. cable	
ARTICLE NO: $SLD7XX XX = XX = XX = XX$ A B C D		
B. Connection C CP	nnection C = Integral cable CP = Integral cable, adapter for	
C. Thread (t) M6, M8, M10 or UNF D. Cable length (L) Desired cable length in meters, standard 3 m, max. 30 m		
SERIAL NO: X X X X X X X Year Week Number		
_		



Part number	Measuring range	Frequency range
SLD722	0 - 12.5 mm/s	2-1000 Hz
SLD723	0-25 mm/s	2-1000 Hz
SLD724	0 - 50 mm/s	2-1000 Hz
SLD725	0 - 100 mm/s	2-1000 Hz
SLD732	0 - 12.5 mm/s	10-1000 Hz
SLD733	0-25 mm/s	10-1000 Hz
SLD734	0 - 50 mm/s	10-1000 Hz
SLD735	0 - 100 mm/s	10-1000 Hz



Mounting Tools

81027 Holder for counterbore
81057 Counterbore, diameter 20 mm
81030 Pilot for M6 and UNF 1/4"-28
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 (M6 and UNF 1/4"-28). Torque the transmitter with a 24 mm torque wrench.



œ

SPM Instrument AB • Box 504 • SE-645 25 Strängnäs • Sweden Tel +46 152 22500 • Fax +46 152 15075 • info@spminstrument.se • www.spminstrument.com Technical data are subject to change without notice. ISO 9001 certified. ©Copyright SPM 2016-06. TD-491 B