

SPM Vibration Transmitters

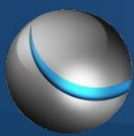
The SOLID transmitters provide a 4-20 mA output signal proportional to the vibration velocity, across its frequency range. The output signal can be transmitted to common process control systems like PLC, DCS, and SCADA. The transmitters operate using power from any standard 4-20 mA loop. No additional power is necessary. Features of the transmitters are unique microcontroller design and calibration data stored in the sensor. The measuring range is 0-25 mm/s and the frequency range 2-1000 Hz.



The SOLID transducers and transmitters all come with a top connector for fast and easy installation. A special SOLID transducer with a side connector is also available for use in rough industrial environments where moisture and water may cause equipment problems.

4-20 mA vibration transmitters with top entry/cable

Part Number	Ex	Thread (t)	Connection	Frequency Range	Sensitivity
SLD 722	–	M6, M8, M10, UNF	B, C, CP	2-1000 Hz	0-12.5 mm/s
SLD 723	–	M6, M8, M10, UNF	B, C, CP	2-1000 Hz	0-25 mm/s
SLD 724	–	M6, M8, M10, UNF	B, C, CP	2-1000 Hz	0-50 mm/s
SLD 725	–	M6, M8, M10, UNF	B, C, CP	2-1000 Hz	0-100 mm/s
SLD 732	–	M6, M8, M10, UNF	B, C, CP	10-1000 Hz	0-12.5 mm/s
SLD 733	–	M6, M8, M10, UNF	B, C, CP	10-1000 Hz	0-25 mm/s
SLD 734	–	M6, M8, M10, UNF	B, C, CP	10-1000 Hz	0-50 mm/s
SLD 735	–	M6, M8, M10, UNF	B, C, CP	10-1000 Hz	0-100 mm/s
SLD 822	✓	M6, M8, M10, UNF	B, C, CP	2-1000 Hz	0-12.5 mm/s
SLD 823	✓	M6, M8, M10, UNF	B, C, CP	2-1000 Hz	0-25 mm/s
SLD 824	✓	M6, M8, M10, UNF	B, C, CP	2-1000 Hz	0-50 mm/s



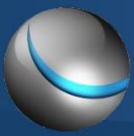
SLD 825	✓	M6, M8, M10, UNF	B, C, CP	2-1000 Hz	0-100 mm/s
SLD 832	✓	M6, M8, M10, UNF	B, C, CP	10-1000 Hz	0-12.5 mm/s
SLD 833	✓	M6, M8, M10, UNF	B, C, CP	10-1000 Hz	0-25 mm/s
SLD 834	✓	M6, M8, M10, UNF	B, C, CP	10-1000 Hz	0-50 mm/s
SLD 835	✓	M6, M8, M10, UNF	B, C, CP	10-1000 Hz	0-100 mm/s

4-20 mA vibration transmitters with side entry/cable

Part Number	Ex	Thread (t)	Connection	Frequency Range	Sensitivity
SLD 722S	–	M6, M8, M10, UNF	B, C, CP	2-1000 Hz	0-12.5 mm/s
SLD 723S	–	M6, M8, M10, UNF	B, C, CP	2-1000 Hz	0-25 mm/s
SLD 724S	–	M6, M8, M10, UNF	B, C, CP	2-1000 Hz	0-50 mm/s
SLD 725S	–	M6, M8, UNF	B, C, CP	2-1000 Hz	0-100 mm/s
SLD 732S	–	M6, M8, UNF	B, C, CP	10-1000 Hz	0-12.5 mm/s
SLD 733S	–	M6, M8, UNF	B, C, CP	10-1000 Hz	0-25 mm/s
SLD 734S	–	M6, M8, UNF	B, C, CP	10-1000 Hz	0-50 mm/s
SLD 735S	–	M6, M8, UNF	B, C, CP	10-1000 Hz	0-100 mm/s
SLD 822S	✓	M6, M8, UNF	B, C, CP	2-1000 Hz	0-12.5 mm/s
SLD 823S	✓	M6, M8, UNF	B, C, CP	2-1000 Hz	0-25 mm/s
SLD 824S	✓	M6, M8, UNF	B, C, CP	2-1000 Hz	0-50 mm/s
SLD 825S	✓	M6, M8, UNF	B, C, CP	2-1000 Hz	0-100 mm/s
SLD 832S	✓	M6, M8, UNF	B, C, CP	10-1000 Hz	0-12.5 mm/s
SLD 833S	✓	M6, M8, UNF	B, C, CP	10-1000 Hz	0-25 mm/s
SLD 834S	✓	M6, M8, UNF	B, C, CP	10-1000 Hz	0-50 mm/s
SLD 835S	✓	M6, M8, UNF	B, C, CP	10-1000 Hz	0-100 mm/s

4-20 mA vibration transmitters with dynamic output

Part Number	Ex	Thread (t)	Connection	Frequency Range	Sensitivity
SLD 752C	–	M8	Integrated Cable, 3m*	2-1000 Hz	0-12.5 mm/s
SLD 752G	–	UNF 1/4 "	Integrated Cable, 3m*	2-1000 Hz	0-0.5 in/s



SLD 753C	–	M8	Integrated Cable, 3m*	2-1000 Hz	0-25 mm/s
SLD 753G	–	UNF 1/4 "	Integrated Cable, 3m*	2-1000 Hz	0-1 in/s
SLD 762C	–	M8	Integrated Cable, 3m*	10-1000 Hz	0-12.5 mm/s
SLD 762G	–	UNF 1/4 "	Integrated Cable, 3m*	10-1000 Hz	0-0.5 in/s
SLD 763C	–	M8	Integrated Cable, 3m*	10-1000 Hz	0-25 mm/s
SLD 762G	–	UNF 1/4 "	Integrated Cable, 3m*	10-1000 Hz	0-1 in/s

Connection alternatives:

- ❖ B = 2 pin connector MIL-C-5015
- ❖ C = Integral cable*
- ❖ CP = Integral cable*, adapter for protection tube

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