

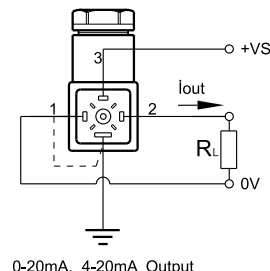
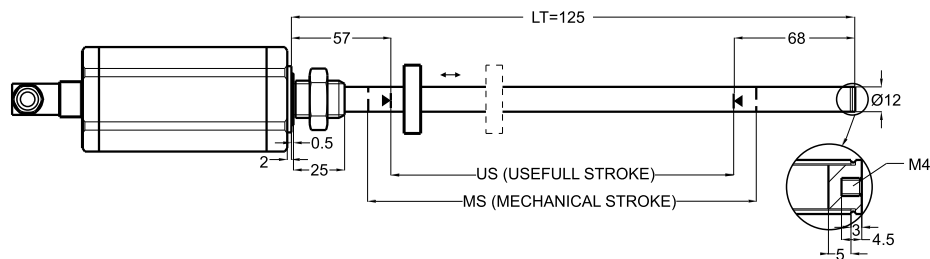
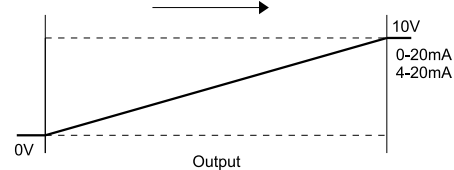
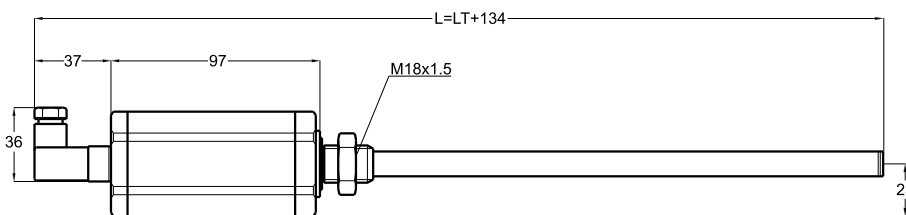
Magnetostrictive position sensors

- + Measuring range 100 - 1250 mm
- + 16 bit resolution
- + Output 0...10V, 4-20mA, 0-20mA
- + 24 VDC power supply

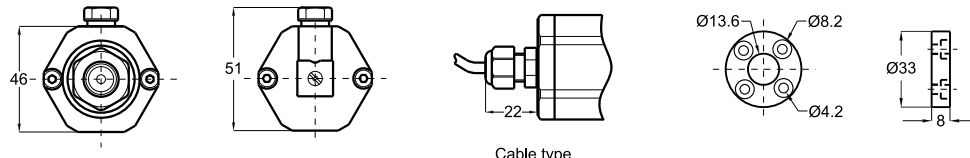


Technical specifications

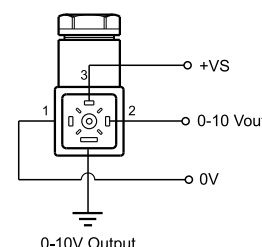
Measurement stroke	100 to 1250 mm
Resolution	16 bit
Repeatability	< 0.05 mm
Output	0...10V, 4-20mA, 0-20mA
Power supply	24 VDC ±10%
Permissible applied voltage	30 VDC max.
Displacement speed	< 10 m/s
Sampling rate	1 KHz
Max. consumption	50mA
Max. output noise	< 5mVpp
Max. output value	10.5 Volt
Reverse polarity protection	Yes



0-20mA, 4-20mA Output



Cable type



0-10V Output

MST (mm)	100	200	300	400	500	600	700	750	800	850	900	950	1000	1250
US (Usefull Stroke)	100	200	300	400	500	600	700	750	800	850	900	950	1000	1250
MS (Mechanical Stroke)	120	220	320	420	520	620	720	770	820	870	920	970	1020	1270
LT	225	325	425	525	625	725	825	875	925	975	1025	1075	1125	1375
(Total Length)	359	459	559	659	759	859	959	1009	1059	1109	1159	1209	1259	1509

Model	Measurement stroke	Resolution	Output	Connector / Cable
(example) MST	1250	A	V10	C2
MST	100 ... 1250mm	A : 16 bit	V10 : 0-10V I 04 : 4-20mA I 20 : 0-20mA	C2 : 4 pin connector 1M : 1 meter cable 2M5 : 2,5 meter cable