

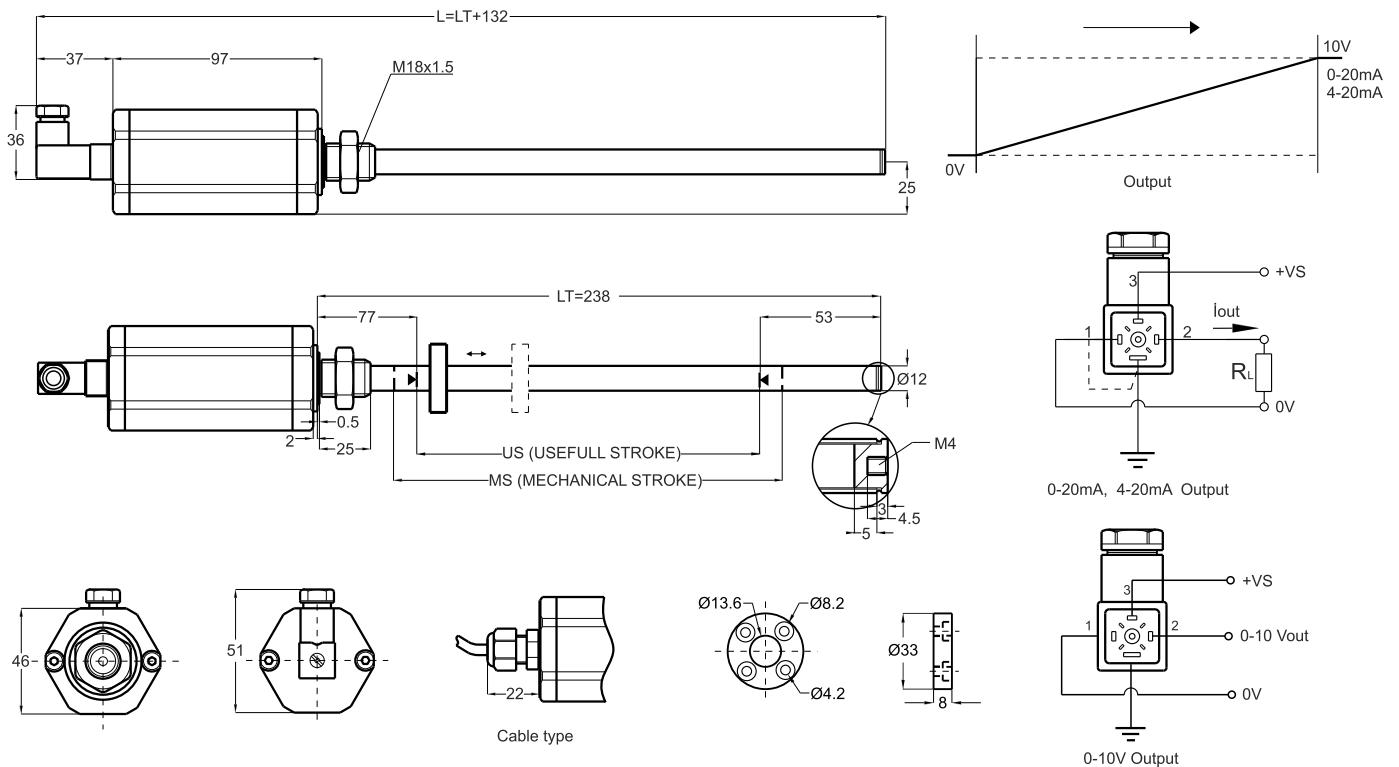
Magnetostrictive position sensors

- 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 $\pm$ 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



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	238	338	438	538	638	738	838	888	938	988	1038	1088	1138	1388
(Total Length)	370	470	570	670	770	870	970	1020	1070	1120	1170	1220	1270	1520

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