

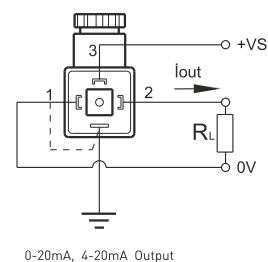
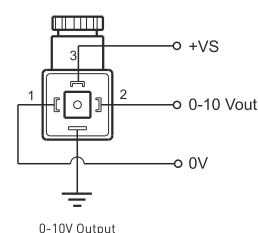
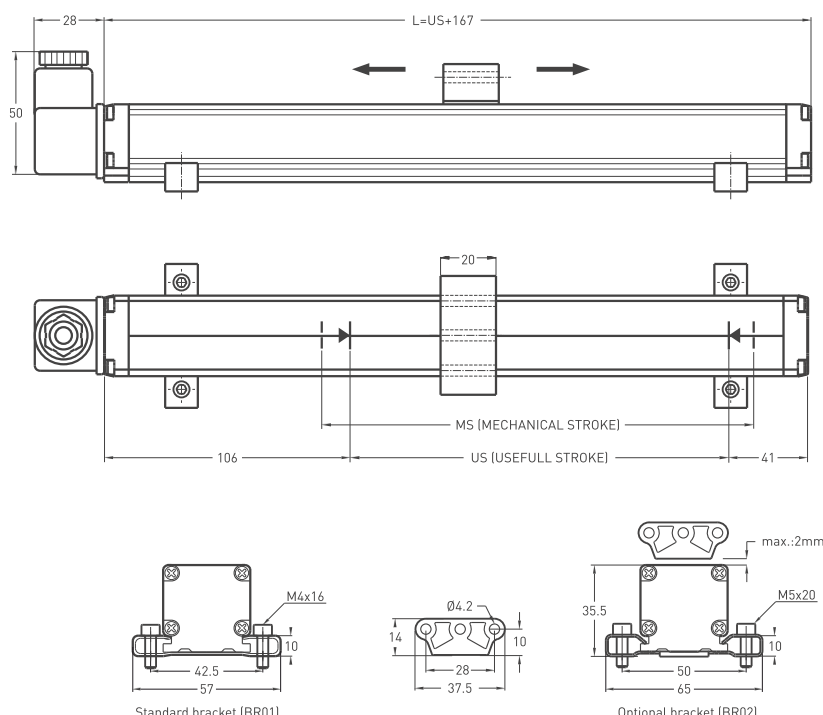
Magnetostrictive Position Sensor

- Measuring range 100 - 5000 mm
- 16 bit resolution
- Output 0...10V, 0...20mA, 4...20mA
10...0V, 20...0mA, 20-4mA
0...10V - 10...0V, 4...20mA - 20...4mA
0...20mA - 20...0mA
- 24 VDC power supply



Technical specifications

Measurement stroke	100 to 5000 mm
Resolution	16 bit DAC output
Repeatability	±0,005% (full scale)
Output	0-10 V, 4-20 mA, 0-20 mA / 10-0 V, 20-4 mA, 20-0 mA 0-10V - 10-0V / 4-20mA - 20-4mA / 0-20mA - 20-0mA
Power supply	24 VDC ±10%
Displacement speed	< 10 m/s
Sampling rate	up to 2 kHz (depending on stroke length)
Max. okuma mesafesi	3 mm
Max. consumption	50 mA - 90 mA (depending on stroke length)
Max. output noise	< 5 mVpp
Max. output value	10.5 V
Linearity	±0,02% full scale (min. 100 µm)
Update time	0,5 ms up to 1000 mm / 0,8 ms up to 4000 mm
Reverse polarity protection	Up to -30 VDC
Overvoltage protection	Up to 40 VDC
IP degree	IP 65



MSS (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	1000	1100	1200	1300	1400	1500	1750	2000	2250	2500	3000	4000	5000
US (Usefull Stroke)	120	170	220	270	320	370	420	470	520	570	620	670	720	770	820	870	920	1020	1120	1220	1320	1420	1520	1770	2020	2270	2520	3020	4020	5020
MS (Mechanical Stroke)	160	210	260	310	360	410	460	510	560	610	660	710	760	810	860	910	960	1060	1160	1260	1360	1460	1560	1810	2060	2310	2560	3060	4060	5060
L (Total Length)	267	317	367	417	467	517	567	617	667	717	767	817	867	917	967	1017	1067	1167	1267	1367	1467	1567	1667	1917	2167	2417	2667	3167	4167	5167

Model	Measurement stroke	Resolution	Cursor	Output		Connector / Cable	Bracket	Dead zone
MSS	600	A	1C	V01		C1	BR01	106/41
MSS	100 ... 5000 mm	A: 16 bit	1C: 1 cursor 2C: 2 cursor	V10: 0 - 10 V V01: 10 - 0 V I40 : 4 - 20 mA I20 : 0 - 20 mA I04 : 20 - 4 mA	V11: 0 - 10 V / 10 - 0 V I41 : 4 - 20 mA / 20 - 4 mA I21 : 0 - 20 mA / 20 - 0 mA	C1: 4 pin connector C5: 5 pin connector C8: 8 pin connector 1M: 1 meter cable	BR01: Standard bracket BR02: Optional bracket	106/41