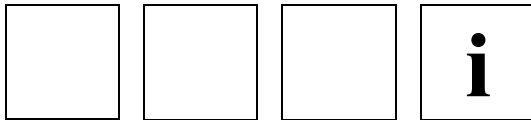


Rope length transmitter SL3002...SL3003

Eglshalde 6
 D-78647 Trossingen
 Tel. +49 - (0) 74 25 / 228 - 0
 Fax +49 - (0) 74 25 / 228 - 33
<http://www.tr-electronic.de>
 Germany



- Available with or without encoder
- Compact design
- Cable eye with ball joint (removable) compatible to previous model
- Backlash free encoder coupling
- Robust spring drive
- High life time approx. 1 mio. cycles
- Simple assembly encoder-cable retractor

Characteristics

Case design □ 80 mm
 Gear ratio 5 rev./m ± 0,06 mm/rev.
 Measuring cylinder material Aluminium anodized 3.3206.71 ALMgSi0.5F22
 String material Stainless steel 1.4401 X5 CrNiMo 18 10
 String bending radius R..... ≥ 16 mm
 Linearity deviation typ. ± 0,05
 Reproducibility..... 0,1 mm
 Life time..... typ. 1 Mio. cycles

| Types | SL 3002 | SL 3003 | | | |
|--|----------|----------|--|--|--|
| Article no. | 40720002 | 40720011 | | | |
| Weight app. in kg | 1,2 | 1,6 | | | |
| Measuring length in m | 2 | 3 | | | |
| Leader length | 0,05m | 0,05m | | | |
| String diameter in mm | 1,35 | 1,35 | | | |
| Adjusting speed | 2 m/s | 2 m/s | | | |
| Spring tension start | 7N | 7N | | | |
| Spring tension end | 14N | 14N | | | |
| Bellows | yes | yes | | | |
| Position string see. Dimension drawing | right | right | | | |

Environmental conditions

| | |
|-----------------------------|--|
| Vibration | ≤ 100 m/s ² (10g) sine 50-2000 Hz acc. DIN IEC 68-2-6 |
| Shock..... | ≤ 250m/s ² (25g) 11ms acc. DIN IEC 68-2-27 |
| Operating temperature | -20°C ... 70°C |
| Storage temperature..... | -30°C ... +85°C dry |
| Relative humidity | 98 % non condensing |
| Packaging..... | compliant DIN 55439 |
| Protection class | IP 65 compliant DIN 40 050 |

Dimension drawing

