



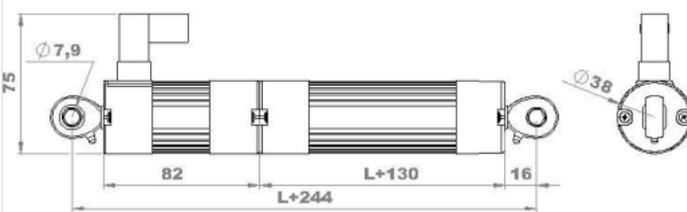
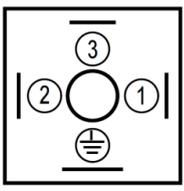
- Length Scales up to 1000 mm
- Twin Bearing Actuating Rod
- Encoder with Signal Output
- TTL or Push-Pull Type A, B Output Signals
- Resolutions 5µm to 1000µm
- Protection Class IP65
- High operating speed 3 m/s
- Long life

The LTS series of magnetic linear encoder systems digitally measure by incremental encoder system pulse logic as contactless (contactless). The greatest advantage of these reams is that they are easy to assemble because they are articulated on both sides and they are not affected by deflections.

It has different resolutions from 5µm to 100µm. In addition, products with different resolutions can be made upon request. Measured values between 50 mm and 1000 mm are available. They are non-worn because they are non-contact, mechanically have infinite lifetimes. They are insensitive to vibration and impact. They are not affected by poor environmental conditions and electrical noises.

Endüstride is used in many industries such as metal, marble, plastic, textile, saw, packaging.

### Mechanical Measurement / Connections

1. 'B' signal
2. 'A' signal
3. Vcc Supply  
Push Pull : 24 VDC  
TTL : 5 VDC
4. GND

### Technical Specifications

<b>Measuring Distance</b>	Between 50 mm and 1000 mm
<b>Resolution</b>	5µm, 10µm, 20µm 25µm, 62.5µm, 80µm and 100µm
<b>Output Signals</b>	Standard A, B Cable models A, B, Z or A, / A, B, / B, Z, / Z
<b>Output Type</b>	Push Pull (PP) or TTL RS422 Line Driver
<b>Supply voltage</b>	TTL: 5 VDC or PP: 24 VDC
<b>Operating temperature</b>	-20°C to +85°C
<b>Electrical Connection</b>	4 Pin Female Connector or Cable
<b>Repeatability</b>	±1 Pulse
<b>Life</b>	Mechanical Infinite
<b>Body Material</b>	Anodized Aluminum

### Order Details

<b>Model</b>	<b>Supply and Output Signal</b>	<b>Measuring Distance</b>
L T S - X X - X X X - X - X X X	PP : 10...30VDC ±%20 Supply 24 VDC Push Pull Output	50 : 50 mm
	TTL : 5VDC ±%5 Supply 5 VDC TTL RS422 Linear Driver Output	1000 : 1000 mm
	HTL : 24VDC ±%20 Supply 5 VDC TTL RS422 Linear Driver Output	
	<b>Resolution</b>	<b>Signal Output</b>
05: 05µm 10: 10µm 20: 20µm 25: 25µm 62,5: 62,5µm 80: 80µm 100: 100µm	3 : A, B, Z 6 : A, /A, B, /B, Z, /Z	