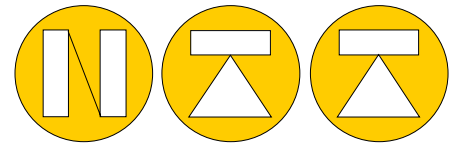
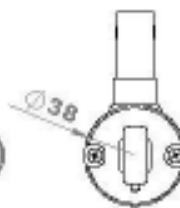
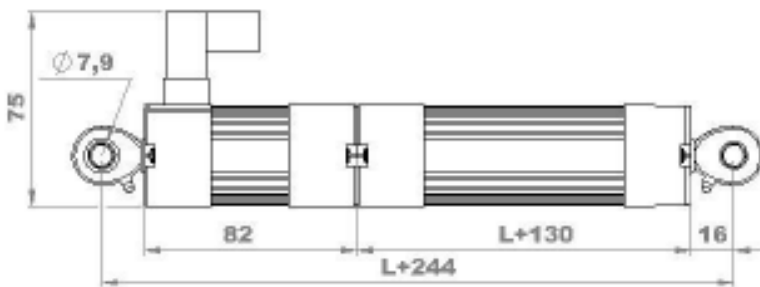


MAGNETIC LINEAR ENCODER SYSTEM  
WITH BEARINGS & ACTUATING ROD



**NORDIC TRANSDUCER**

MODEL LTS



Stroke up to 750mm  
Twin Bearings Actuating Rod  
Incremental measurement of Displacement  
Push Pull or TTL Line drive connection  
High Operation speed 3m/sec.  
Resolution 5  $\mu$ m to 100 $\mu$ m

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



**Defined Electrical Ranges**  
**Resolution**  
**Output Signals**  
**Output Type**  
**Power Supply**  
**Operating Temperature**  
**Electrical Connection**  
**Repeatability**  
**Life**  
**Rod Material**

Between 50 mm to 750 mm  
5 $\mu$ m, 10 $\mu$ m, 25 $\mu$ m, 62.5 $\mu$ m, 80 $\mu$ m and 100 $\mu$ m  
Standard A, B Cable Models ABZ or A, /A, B, /B, Z, /Z  
Push Pull (PP) or TTL RS422 Line Driver  
TTL: 5 VDC or PP: 24 VDC  
-20°C to +85°C  
4 Pins Female Socket  
 $\pm 1$  Pulse  
(Mechanical) Infinite  
Anodized Aluminum

**Power Supply and Output**

PP : 10...30 VDC  $\pm$ 20% Power Supply  
24 VDC Push Pull Output  
TTL : 5 VDC  $\pm$ 5% Power Supply  
5 VDC TTL RS422 Line Driver Output  
HTL : 24 VDC  $\pm$ 20% Power Supply  
5 VDC TTL RS422 Line Driver Output

**Stroke Range**

50 : 50 mm  
...  
750 : 750 mm

**Resolution**

05 : 5  $\mu$ m  
10 : 10 $\mu$ m  
25 : 25 $\mu$ m  
62,5 : 62,5  $\mu$ m  
80 : 80  $\mu$ m  
100 : 100 $\mu$ m

**Output Signals**

2 : A, B  
4 : A, B, /A, /B  
6 : A, /A, B, /B, Z, /Z



ALC77 & ALC94 Encoder input instruments