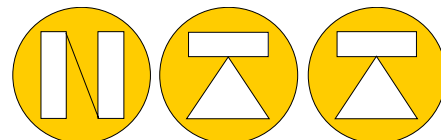


# INCREMENTAL WIRE

## POSITION TRANSDUCER

SMALL SIZE: **TYPE HLS-S**

**3 ranges 0-0,2m, 0-0,5m - 0-1m**



**NORDIC TRANSDUCER**



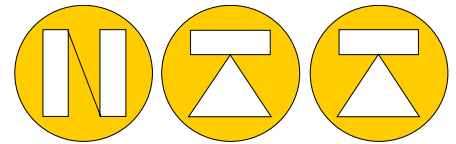
The perfect solution for length / speed measurements of products up to 1m, where relative good accuracy can be achieved at an affordable price. Very easy to mount also where space at measuring end are limited.

Other types for measuring up to 40m, please ask !. Instrumentation can also be a part of the supply for direct/relative indication, also with RS232 output and standard relays for controlling set-points.

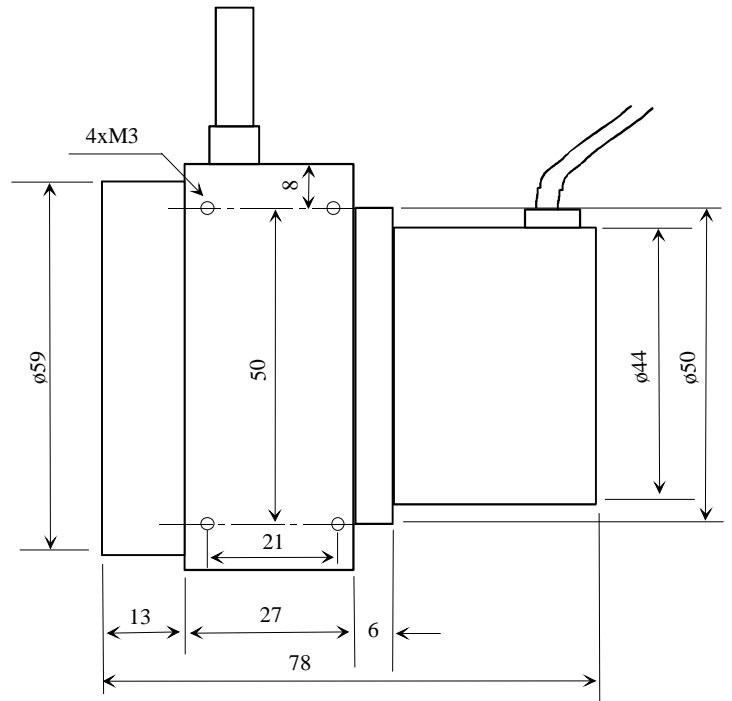
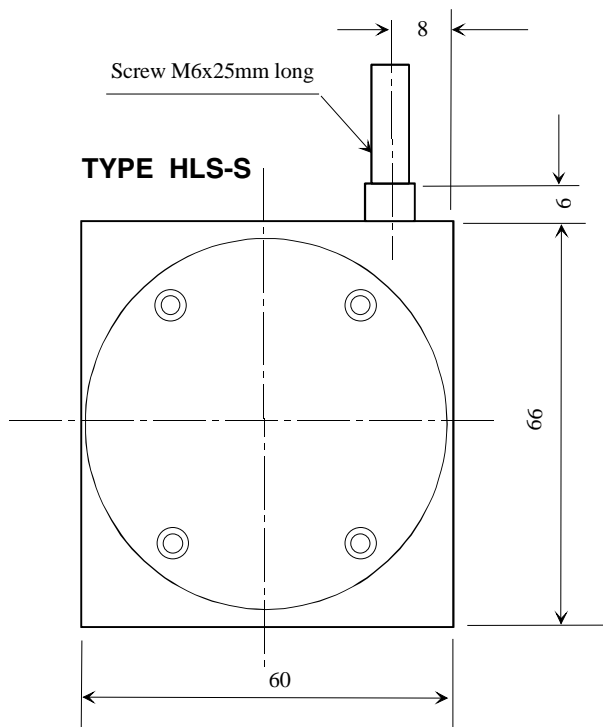
| Type                   | HLS-Small Size  |
|------------------------|---|
| Length:                | 200, 500, 1000 mm   |
| Resolution:            | 1 0,5 0,2 0,1 0,04 mm direct !  |
| Pulses per mm:         | 1 2 5 10 25 ( for A&B = X 2)  |
| Typical accuracy:      | +/-0,05% FS.  |
| Max. response:         | 10kHz - 50kHz   |
| Power Supply:          | 8..26VDC, less than 60mA / DC5V (option)  |
| Output type:           | A&B Phase / square pulses / ( Z as option )<br>NPN Volt standard / Open collector & 5V line drive ( options ) |
| Speed                  | Max. 1000mm/sec.  |
| Force on wire          | 400gram as max. starting torque   |
| Vibration:             | 10g ( 10+/- 1500 Hz)  |
| Wire type:             | A: 304 stainless steel coated, Ø0,6mm<br>B: Ø0.6mm Nylon wire<br>breaking force for both types =16kg          |
| Shock:                 | 20g per 11ms  |
| Temp. Range            | 0°C to +60°C  |
| Protection degree      | IP50  |
| Electrical connection: | 0.5m cable with connector and mating part   |
| Weight                 | approx. 0,330kg + supply lead   |

# TYPE HLS-S

## Dimensions



**NORDIC TRANSDUCER**



*HLS-S standard with connectors*

HLS-M 2m to 4m



HLS-L 6m to 12m



CM78 BROCHURE



**CM78** is standard supplied with 2 set point/ relays and input for zero setting all over the working range. Absolute and relative indication can also be done via the front keys.

Indication is max. 6 digit ( 5 with front sign)

Speed can be more than 10kHz

Many options are available as RS232/485 communication as one of them.

