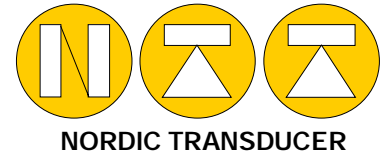


# ELAP PM2S - LINEAR POTENTIOMETER TRANSDUCERS



NORDIC TRANSDUCER

Small 21 X 21mm Housing

## PM2S

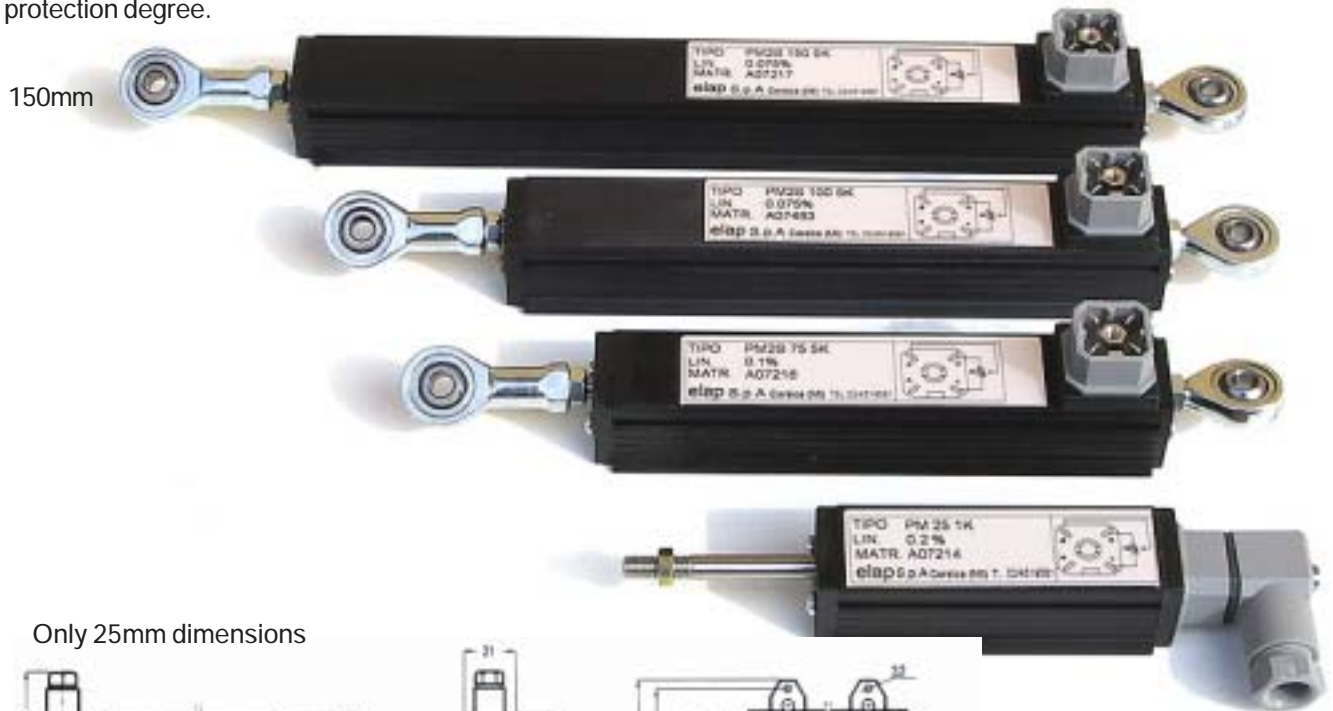
Supplied in length from 25mm to 150mm

Standard 5kOhm resistance from 50-150mm, 25mm are with 1k resistance, all with +/- 20% tolerance on actual resistance value, element made of conductive plastic

Stainless steel stem Ø6mm with M5 thread

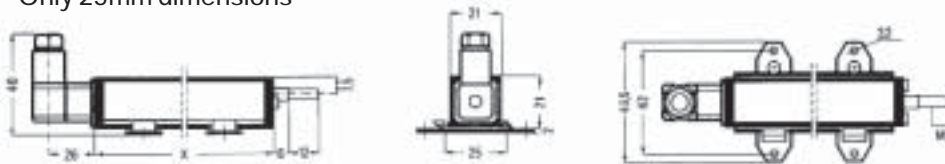
From 50-150mm they are delivered with a Ø5mm ball bearing in both ends, and also an easy clamping support for fixed mounting as shown on the drawing here under, the 25mm is only with this mounting. 25 to 100mm can be supplied with return spring mounted inside the housing.

Housing as 21x21mm anodized aluminium with nylon + glass closing flange. IP63 protection degree.



150mm

Only 25mm dimensions



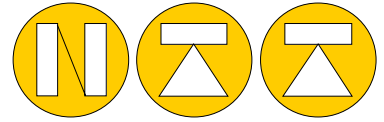
50mm to 150mm dimensions



Data:	25mm	50mm	75mm	100mm	150mm
X measurement:	74	99	124	149	199
Non linearity:	+/-0.20%	+/-0.15%	+/-0.10%	+/-0.075%	+/-0.075%
Power rating:	0,4	0,7	0,95	1,2	1,8
Max stem speed:			1 m/sek.		
Weight:	70g	124g	144g	166g	205g
Friction on shaft:			100g		
Temp drift:			+/-400p.p./°C		

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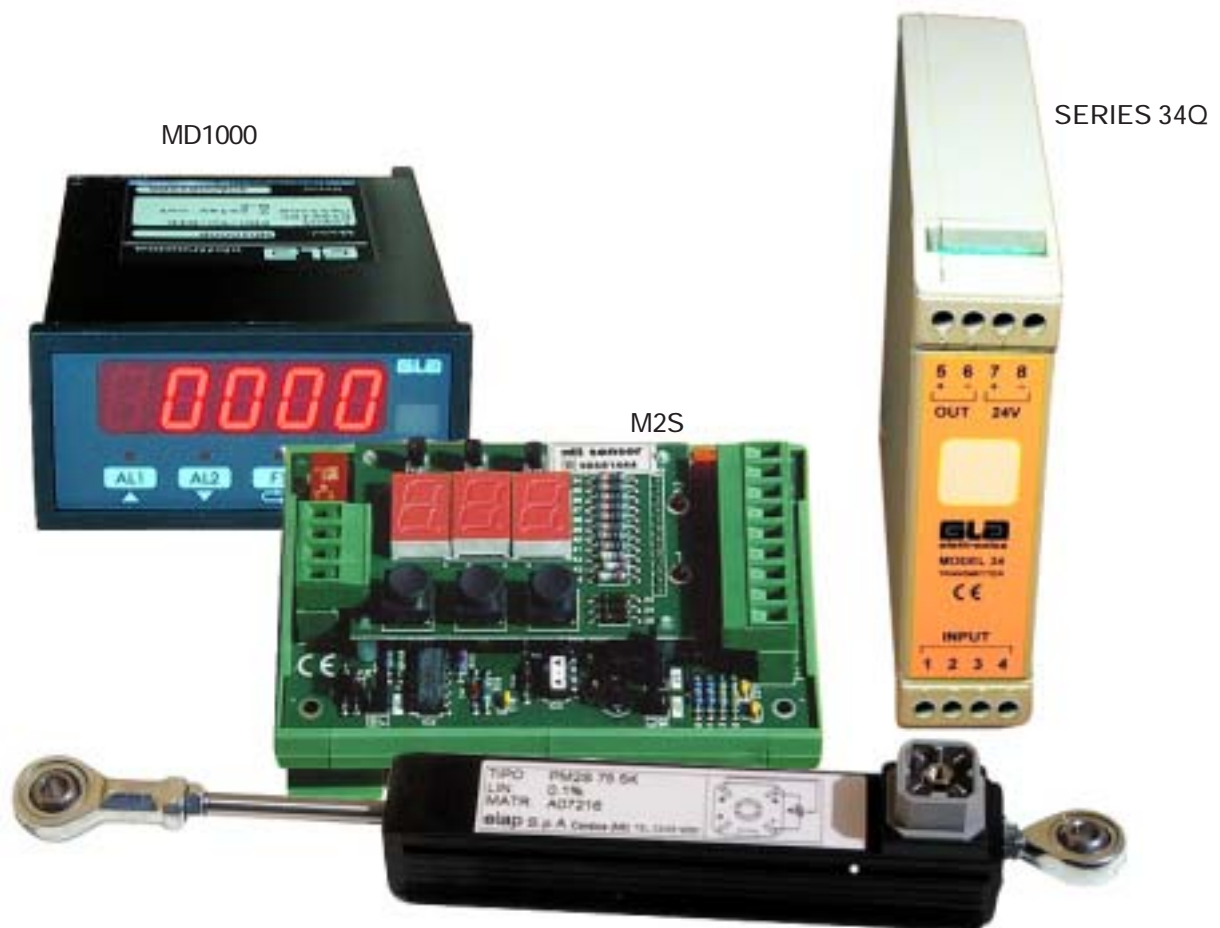
### Control equipment which can be supplied with the SERIE PM2S

To the 1/5 kOhm model the **Series 34Q** which is a 3wire potentiometer supply and output unit for DIN rail mounting, with either volt or 4-20mA output.

**MD1000-P** is also for the 5 kOhm model, with built in power supply for PM2S, +multi functions as relays, filters, analog outputs or RS232/485 ++++++

**MD1000** is for 0-5 / 0-10 / 4-20mA models with build in power supply for the sensor, and all the same functions as the P model, also RS232/485 which can be run as daisy chain, so several units can be addressed on the same line

**M2S** is an analog input / relay unit which do accept 0-10Volt and 0/4-20mA inputs, 2 relays or 2 transistors can be sat up to function in different manners depending on a set of parameters for activating these as delay, hysteresis ++. Displaying as a part of 100% ( input ).



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