



HEAVY DUTY LINEAR SENSOR

LINARIX Draw Wire with Built-in Inclinometer



- > POSITAL's LINARIX family will soon include a new series of draw-wire linear position sensors with built-in inclinometers (tilt sensors).
- > Extension range of up to 8 meters (25 ft), plus one- or two-axis tilt measurement.
- > Accurate – Linearity up to $\pm 0.2\%$
- > IP69k-rated housings and seals protect internal components from high-pressure water jets – a great choice for concrete-placing boom trucks and other construction equipment requiring regular washdowns.
- > CANopen and J1939 communications interfaces.



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Electrical Data

Supply Voltage	10 – 30 VDC
Power Consumption	≤ 2.5 W

Environmental Specifications

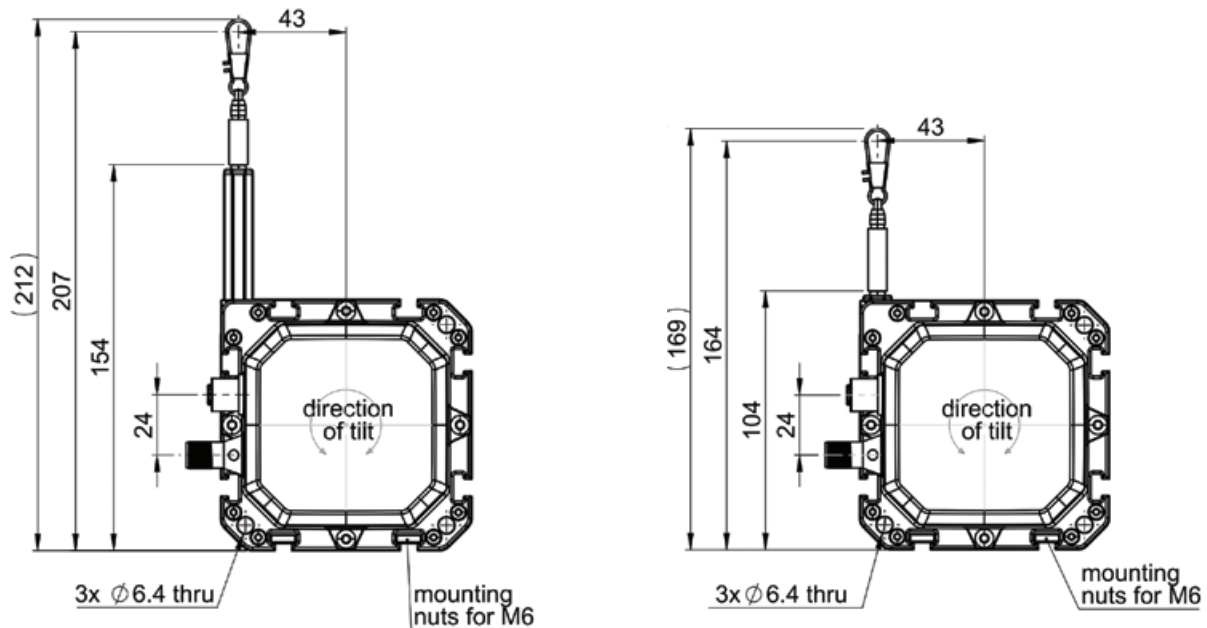
Protection Class (Electronics)	IP68/IP69K
Operating Temperature	-40 °C (-40 °F) – +85 °C (+185 °F)
Humidity	98% RH, No Condensation

Mechanical Data

Length	max. 5 m (16.4 ft)
Housing Material	Glass-fiber Reinforced Plastics
Draw Wire Material	Polyamide-coated Stainless Steel (ø 0.45 mm)

Electrical Connection

Connector	M12 Connector (5 or 8 pin, Deutsch Connector)
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