elobau GmbH & Co. KG
Zeppelinstr. 44
88299 Leutkirch, Germany

Tel.: +49 (0) 7561 970-0
Fax: +49 (0) 7561 970-100



Fingertip Joystick JFT

The compact design of the Fingertip joystick JFT makes it ideal for use in control panels and armrests. The areas of application range from industrial trucks, agricultural and construction machinery to countless industry applications.

Technical specifications

- Simple “on top” installation in control panels
- Parallel arrangement is possible in the smallest of installation spaces
- Angled actuator with soft-touch
  finger rest for ergonomic operation
- Colour-coded actuator cap and
  customised symbol imprint
- High reliability and long service life thanks to contactless, shielded Hall-effect technology
- Two available variants:
  - Standard: Long proven, for use inside the cabin.
  - Dust-optimized: For slightly rougher applications with slightly different feel.

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Technical drawing

IMAGE 1/2

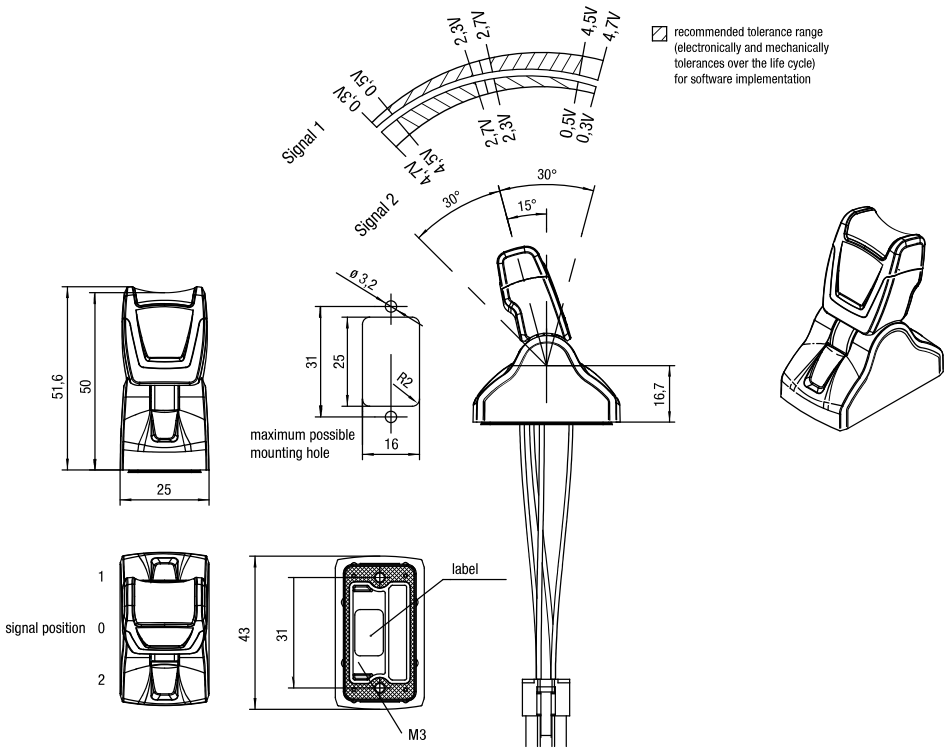
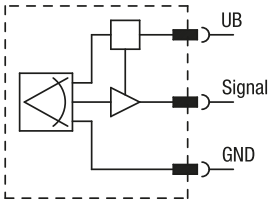


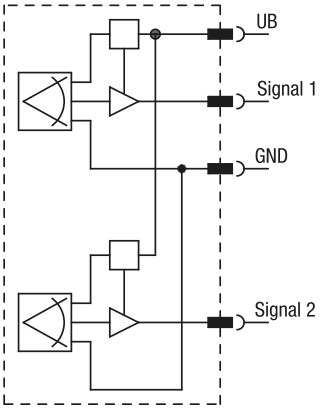
IMAGE 2/2

Standard

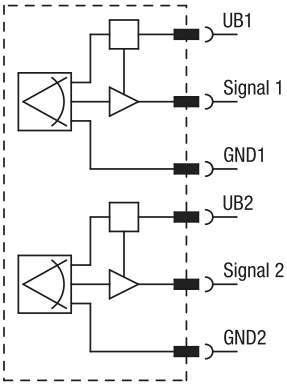
Analogue



Analogue semi-redundant



Analogue redundant



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Article characteristics

Attribute	JFT...
Protection class, mechanical	IP54 DIN EN 60529
Polarity reversal protection	yes
Output signal min.	0.5 V DC
Output signal max.	4.5 V DC
Output signal	analogue
Output signal - centre position/zero position	2.5 V DC
EMC immunity (Norm)	DIN EN 12895, DIN EN 13309, DIN EN ISO 14982, ISO 13766
EMC emission (Norm)	DIN EN 12895, DIN EN 13309, DIN EN ISO 14982, ISO 13766
Operating voltage min.	4.5 V DC
Operating voltage max.	5.5 V DC
Current consumption	max. 15 mA
Load resistance min.	20000 Ohm
Short-circuit resistance to GND	yes
Short-circuit resistance to supply	yes
Technology	Hall
Max. lever load with specified lever length	35 mm/200 N
Deflection	± 30 °
Actuation type	single axis
Service life, mechanical (Cycles)	hard detent 4 mio. / without detent 5 mio.
Protection class, electronic	IP69K DIN EN 60529
Operating temperature min.	-40 °C
Max. operating temperature	85 °C
Min. storage temperature	-40 °C
Max. storage temperature	105 °C
Installation	from above
Mounting type	screwed from below
Connector type	Mini-Fit Jr.
Cable type	Lify-t
Cable length	0.3 m