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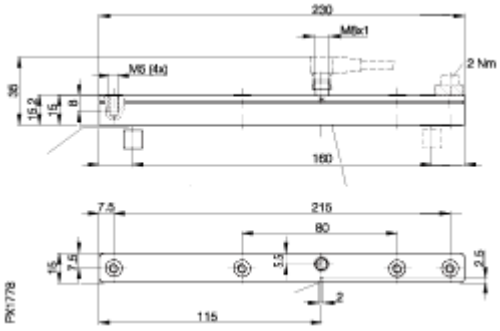
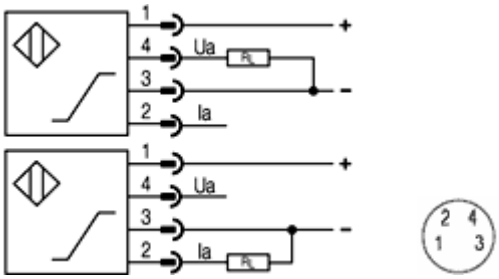
Analog sensor
BIL ED0-P160A-01-S75





Type	Magneto-Inductive Position Sensor 0...160mm
Usable with	with current and voltage output signal
Working range sa	0...160mm
Ambient temperature range Ta	–10...+75 °C
Linear range sl	0...160mm
Linearity over linear range sl	<=±2,4mm
Temperature drift over +10...+50 °C	typ. -40/ min. +120/ max. -200 µm/K
Load resistance RL on Ia	<=500Om
No-load supply current I0 at Ue	<= 25 mA
output signal	current 4...20 mA or voltage 0...10 V
Rated operating voltage Ue	24 V DC
Supply voltage UB	15...30 V DC on Ua, 10...30 V DC on Ia
Rated insulation voltage Ui	75 V DC
Repeat accuracy	<=±80µm
Limit frequency (–3dB)	300Hz
Protected against polarity reversal	yes
Short circuit protected	yes
Housing material	PA GF-added
Connection	Connector
Recommended connector	BKS-S 74/BKS-S 75

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