

CE  US EAC 

Current consumption max. at 24 V DC	150 mA
Error signal Ia rising	≥ 20.4 mA
Error signal Ua falling	≤ 0 V
Error signal Ua rising	≥ 10.2 V
Galvanic isolation	yes
Inrush current	≤ 3 A/0.5 ms
Operating voltage Ub	20...28 VDC
Output signal adjustable	no
Overvoltage protection	Ub up to 28 V
Voltage-proof up to (GND to housing)	500 V DC

Analog output Analog, current 0...20 mA

Material

Cover material	Aluminium, Die-cast, nickel plated
Housing material	Aluminium, Anodized
Housing material, surface protection	Anodized

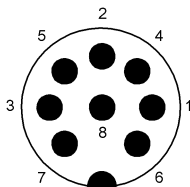
Mechanical data

Mounting part	Mounting clamps
Null point	73.0 mm
Overall Length	603 mm

Range/Distance

Measuring length	457 mm
Non-linearity max.	$\pm 100 \mu\text{m}$
Repeat accuracy	$\leq \pm 0.2 \mu\text{A}$
Repeatability	$\leq 4 \mu\text{m}$
Resolution	$\leq 0.2 \mu\text{A}$
Sampling rate, length-dependent	1 kHz, standard

Connector Drawings



Wiring Diagrams (Schematic)

Pin	
1	0...20 mA
2	GND output
3	NC
4	NC
5	NC
6	GND
7	+24 V DC
8	NC