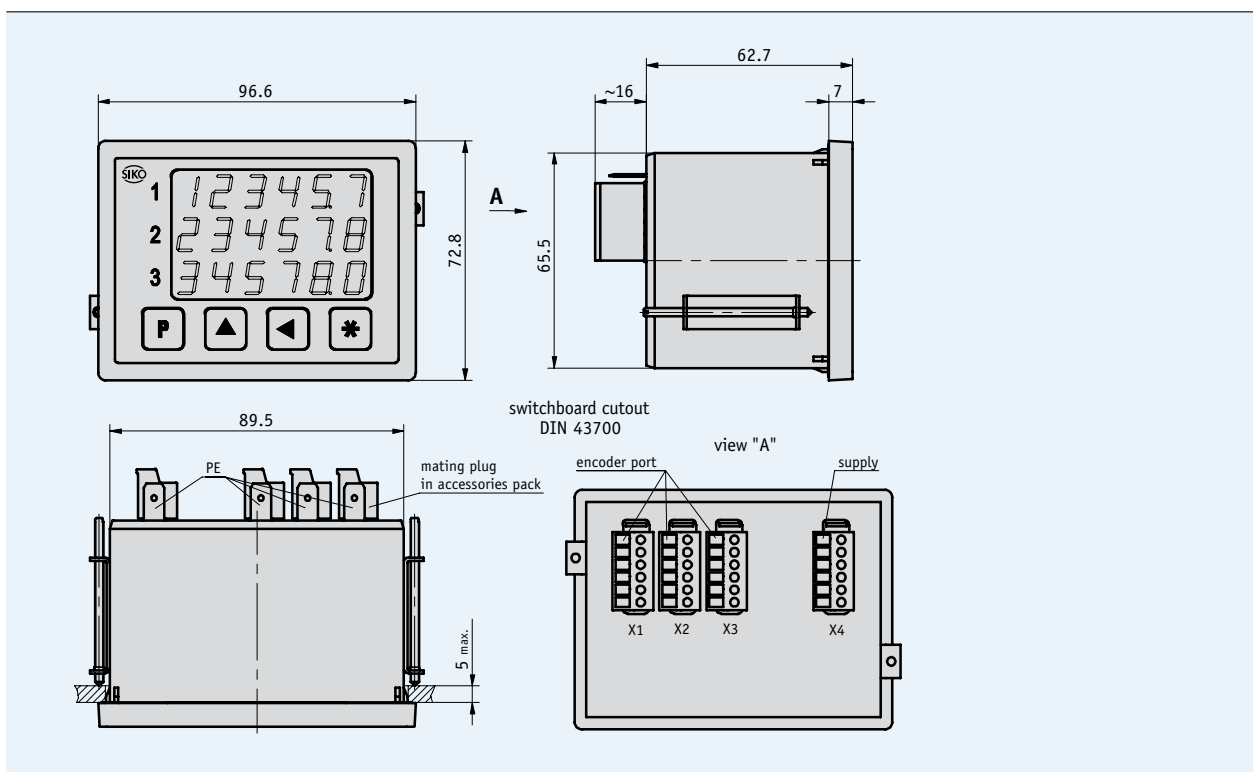


## Profile

- LED readout for display of 3 measured values (3 lines of 6 digits)
- 3 inputs for incremental sensors, individually programmable, length and angle measurement
- Free programming via front keyboard (scaling factors, offset, reset value, etc.)



6.1

## Mechanical data

Feature	Technical data	Additional information
Operating temperature	-10 ... +70 °C	
Storage temperature	-30 ... +80 °C	
Humidity	max. 95 % rF	
Condensation	inadmissible	
Protection category	IP40 for whole device IP60 front with switchboard mounting	DIN 40050
Connection	connector strip	
Keyboard	membrane keys with pressure point	
Housing	plastic	
Weight	approx. 0.25 kg	

### Electrical data

Feature	Technical data	Additional information
Voltage supply	24 V DC ±10 %	reverse-polarity protection
Current consumption	<100 mA	with 24 V, without encoder
Display	3 x 7-segment LED, 6-digit, 10 mm	
Display range	each -99 999 ... +99 999	
Encoder input	PP (push-pull)	
Encoder input frequency	<100 kHz	
Encoder supply	max. 150 mA/channel	
Pulse analysis	4-fold	
Interference protection class	EN61000-6-2, EN6100-6-4	

### Pin assignment

#### Encoder channel 1-3 (X1-X3) pin assignment

Assignment	No.
RFS	1
Index	2
B	3
A	4
+24VDC	5
GND	6

#### Supply (X4)

Assignment	No.
N.C.	1
N.C.	2
N.C.	3
N.C.	4
+24VDC	5
GND	6

### Order

#### Order code

MA355 - XX/XX - SF - S

*Scope of delivery: MA355, User information, Mating connectors*

#### Additional information:

*General information and areas of application*

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