DRAW WIRE

Miniature draw wire encoder

Series SFE

- Robust and space saving construction
- Integrated incremental encoder
- Measuring length up to 2000 mm



SFE

ENVIRONMENTAL SPECIFICATIONS	
Operating temperature range:	-25°C + 85°C (-13°F + 185°F)
Protection:	IP64

MECHANICAL SPECIFICATIONS	
Dimensions:	see drawing
Stroke per turn:	100 mm
Wire retraction force:	5 ÷ 15 N
Measuring length:	1500, 2000 mm
Measuring speed:	1 m/sec max.
Weight:	~ 0,2 kg
Connections:	cable 2,0 m

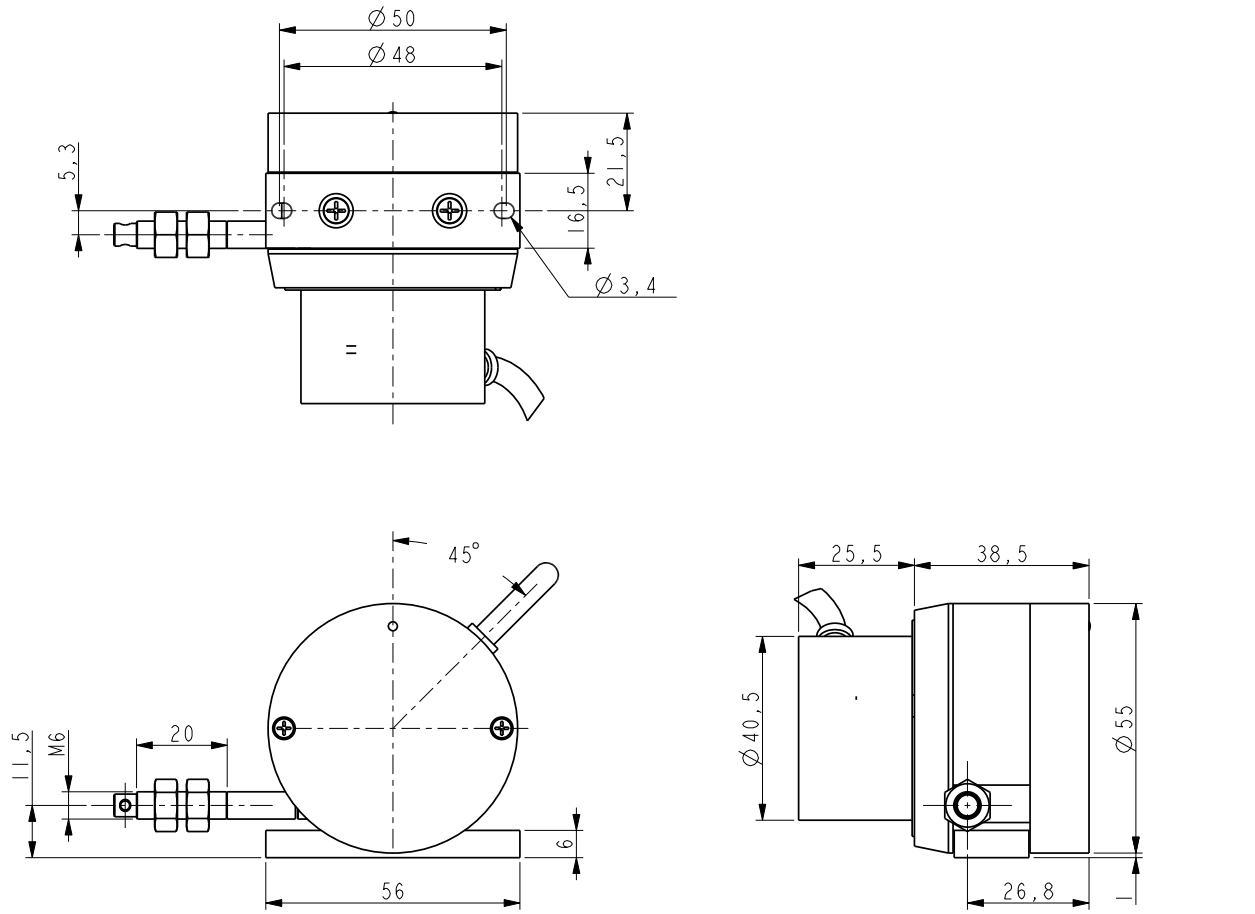
ELECTRICAL SPECIFICATIONS	
Power supply:	+5Vdc +30Vdc
Output circuit:	Universal circuit PP/LD
Resolution:	1 / 0,5 / 0,4 / 0,05 mm
Output current:	40 mA max.
Input current:	60 mA max.
Output signals:	AB, /AB

MATERIALS	
Housing:	Aluminium + plastic
Wire:	stainless steel, non magnetic - UNI EN 4305

ELECTRICAL CONNECTIONS	
1	**Function**
yellow	A
blue	/A
green	B
orange	/B
white	0
grey	/0
red	+Vdc
black	0Vdc GND

1 = Lika encoder cable l8 (8x0,25 mm²)

Specifications subject to changes without prior notice



SFE

Order code

SFE	-	XXXX ⓐ	-	X ⓑ	-	XXX ⓒ	-	X ⓓ	-	XX ⓔ

ⓐ **MEASURING LENGTH**
1500 = 1500 mm
2000 = 2000 mm

ⓑ **OUTPUT CIRCUIT**
H = PP/LD universal circuit

ⓒ **RESOLUTION**
100 = 1 mm (x4 = 0,25 mm)
200 = 0,5 mm (x4 = 0,125 mm)
250 = 0,4 mm (x4 = 0,1 mm)
500 = 0,2 mm (x4 = 0,05 mm)

ⓓ **POWER SUPPLY**
4 = +5Vdc +30Vdc

ⓔ **CONNECTIONS**
L2 = 2 meters
L4 = 4 meters
Lx = cable length on request