

ROTAPULS • ROTACOD

Miniature wire actuated transducer

Series

SFE



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



SFE

ENVIRONMENTAL SPECIFICATIONS

Operating temperature range:	-20°C + 70°C (-4°F + 158°F)
Protection:	IP54

MECHANICAL SPECIFICATIONS

Dimensions:	see drawing
Stroke per turn:	100 mm
Wire retraction force:	5 ÷ 15 N
Measuring length:	1500, 2000 mm
Measuring speed:	2 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

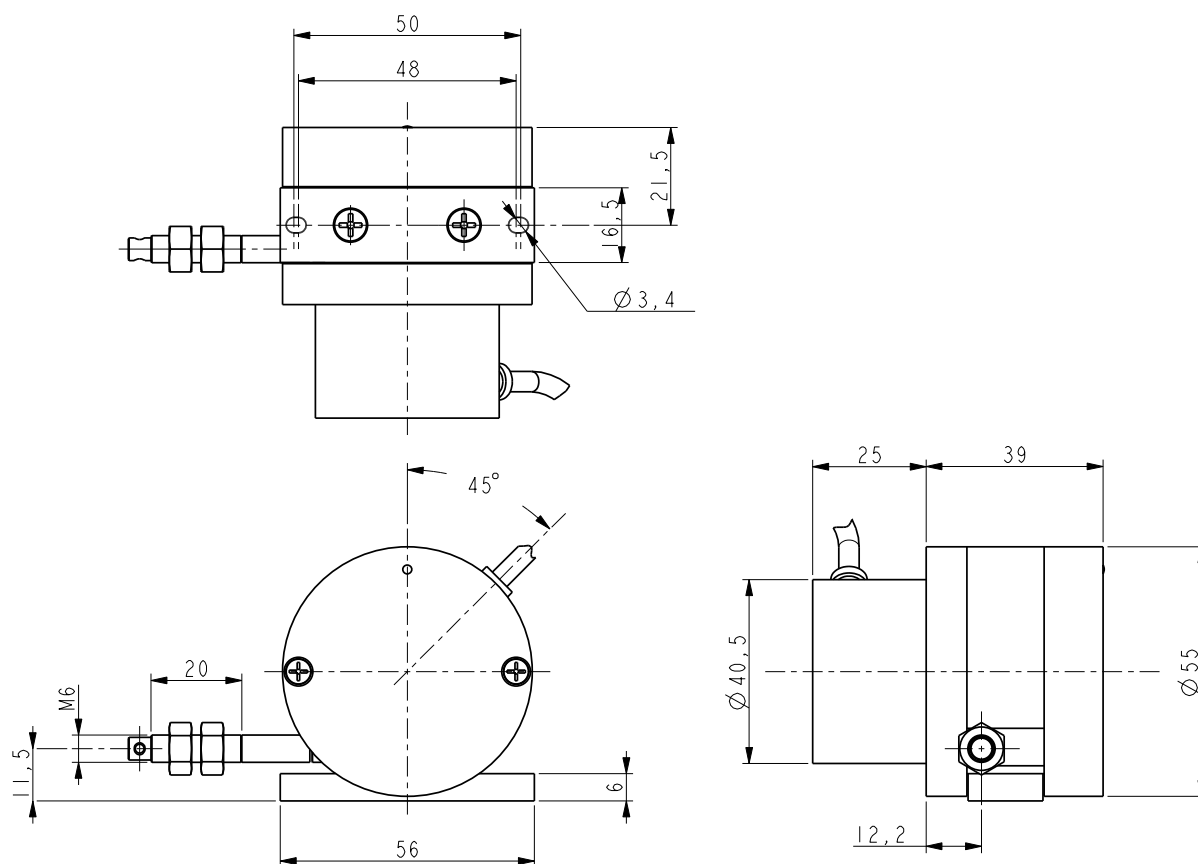
MATERIALS

Housing:	Aluminium + plastic
Wire:	Stainless steel

ELECTRICAL CONNECTIONS

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

1 = cable LIKA 8x0,25 mm² (LIYCY)



SFE

Order code

Additional code (optional)

SFE	-	XXXX (a)	-	X (b)	XXX (c)	X (d)	XX (e)	/Sxxx (f)
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(a) MEASURING LENGTH

1500 = 1500 mm
2000 = 2000 mm

(b) OUTPUT CIRCUIT

H = PP/LD universal circuit

(c) 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)

(d) POWER SUPPLY

4 = +5Vdc +30Vdc

(e) CONNECTIONS

L2 = 2 meters
L4 = 4 meters
Lx = cable length on request

(f) CUSTOM VERSION