ROTAPULS • ROTACOD

Miniature wire actuated transducer

series SFME

CE

- Space saving design
- Integrated encoder
- Measuring length 1500 mm



SFME

www.lika.biz
- Data-sheet

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 mm
Measuring speed:	2,5 m/sec max.
Weight:	~ 0,8 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

MATERIALIEN - MATERIALI USATI

Housing:	Aluminium + plastic
Wire:	Stainless steel

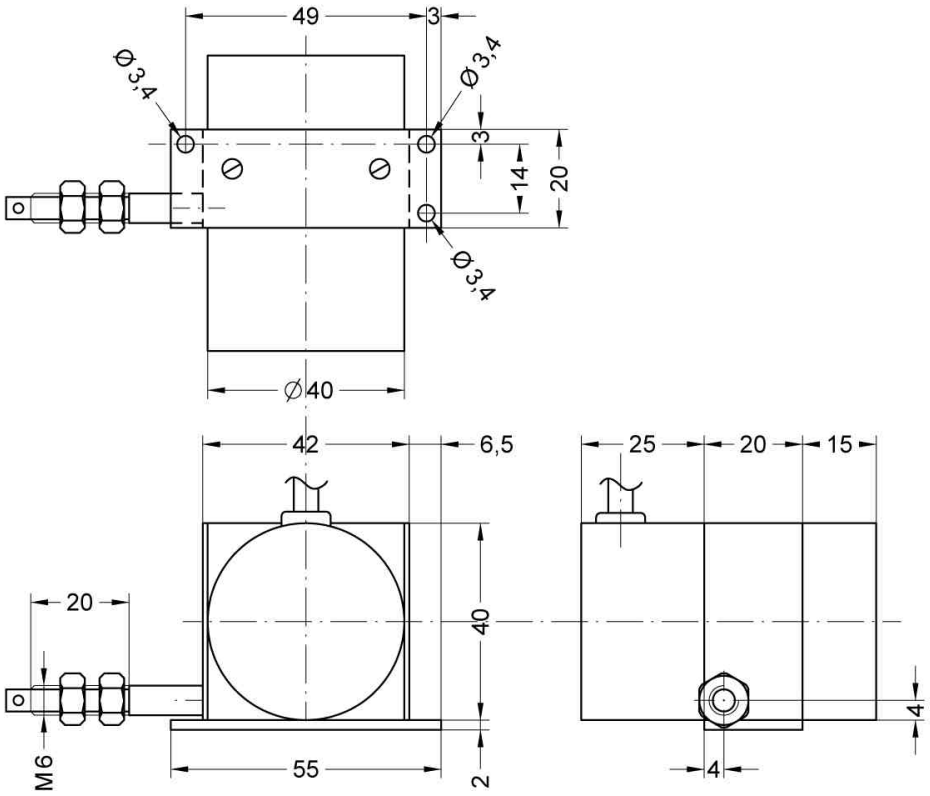
ELECTRICAL CONNECTIONS

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

cable LIKA 8x0,25 mm² (LIYCY)

Specifications subject to changes without prior notice

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SFME

ORDERING CODE

XXXX	-	XXXX	-	X	XXX	X	X

SERIES

SFME	

MEASURING LENGTH

1500 mm	**1500**

OUTPUT CIRCUIT

PP/LD universal circuit	**H**

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

Lx	Cable length on request: Ex.: L2 = 2 meters L4 = 4 meters

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