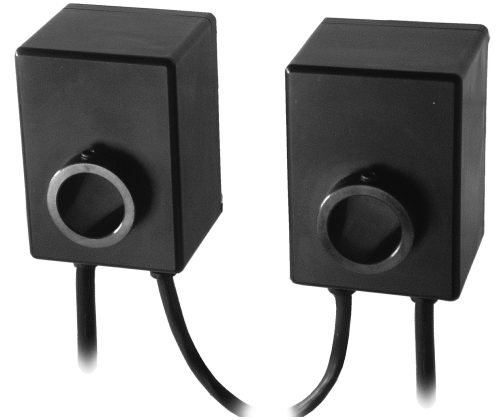
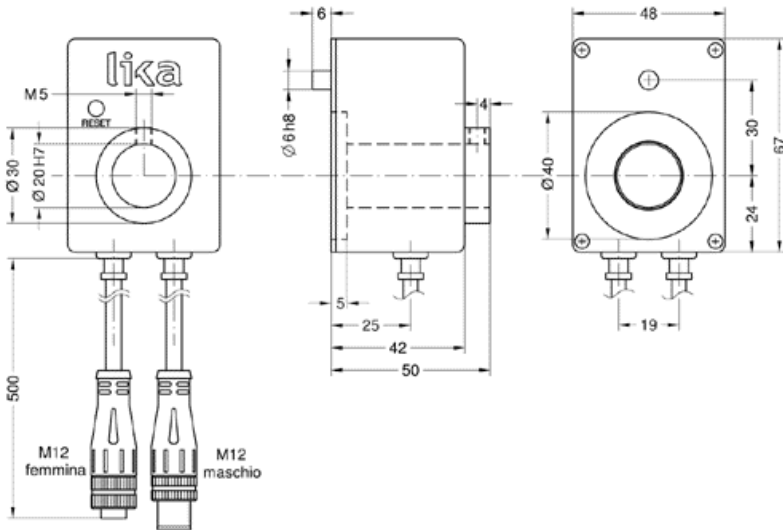


# SpinCODER

Spindle position encoder

series

SC1



SC1

- Absolut multiturn encoder
- Digital indicator size and mounting
- RS485 interface, Bus capable
- Reset button



[www.lika.biz](http://www.lika.biz)  
 • Data-sheet  
 • User manual

### ENVIRONMENTAL SPECIFICATIONS

Shock:	100 g, 6 ms (acc. to MIL STD 202F)
Vibrations:	10 g, 5-2000 Hz (acc. to MIL STD 202F)
Operating temperature range:	0°C +70°C (+32°F +158°F)
Storage temperature range:	-20°C +80°C (-4°F +176°F) (98% R.H. without condensation)
Protection:	IP54

### MECHANICAL SPECIFICATIONS

Dimensions:	see drawing
Shaft:	Ø 20 mm
Shaft rotational speed:	600 rpm max. (not continuous)
Weight:	~0,2 kg (7,0 oz)
Electrical connections:	0,5 m cable with 2 x M12 connector
Option:	cable

### ELECTRICAL SPECIFICATIONS

Power supply:	+10V +30V
Power consumption:	40 mA
Interface:	RS485
Transmission speed:	115,2 kbaud
Resolution:	500 CPR x 256 rev.
Protection:	against inversion of polarity
Battery life:	(Lithium) 10 years min.

### ELECTRICAL CONNECTIONS

1	2	Function
1	red	+10Vdc +30Vdc
2	black	0 Vdc
3	shield	shield
4	white	Data + (RS485)
5	blue	Data - (RS485)

1 = 2 x M12 connector  
 2 = Shielded cable LIKA 5x0,22 mm<sup>2</sup>

### MATERIALS

Housing:	Nylon 6FC 30%
Shaft:	burnished steel

### ORDERING CODE

