

Order code
Hollow shaft

8.3671

Type

. **X** **X** **X** **X** . **X** **X** **X** **X**

a **b** **c** **d** **e** **f** **g** **h**

a Flange

2 = with spring element, long
5 = with stator coupling, \varnothing 46 mm [1.81"]

b Blind hollow shaft

(insertion depth max. 18 mm [0.71"])
2 = \varnothing 6 mm [0.24"]
4 = \varnothing 8 mm [0.32"]
6 = \varnothing 10 mm [0.39"]
3 = \varnothing 1/4"

c Output circuit¹⁾

3 = current output
4 = voltage output

d Type of connection

1 = axial cable, 1 m [3.28'] PUR
A = axial cable, special length PUR *)
2 = radial cable, 1 m [3.28'] PUR
B = radial cable, special length PUR *)
3 = axial M12 connector, 5-pin
4 = radial M12 connector, 5-pin

*) Available special lengths (connection types A, B):
2, 3, 5, 8, 10, 15 m [6.56, 9.84, 16.40, 26.25, 32.80, 49.21']
order code expansion .XXXX = length in dm
ex.: 8.3671.523A.1311.0030 (for cable length 3 m)

e Measuring range

1 = 1 x 360°
2 = 1 x 180°
3 = 1 x 90°
4 = 1 x 45°

f Interface / power supply

3 = 4 ... 20 mA / 10 ... 30 V DC
4 = 0 ... 10 V / 15 ... 30 V DC
5 = 0 ... 5 V / 10 ... 30 V DC

g Option 1

1 = count direction cw²⁾
2 = count direction ccw³⁾

h Option 2

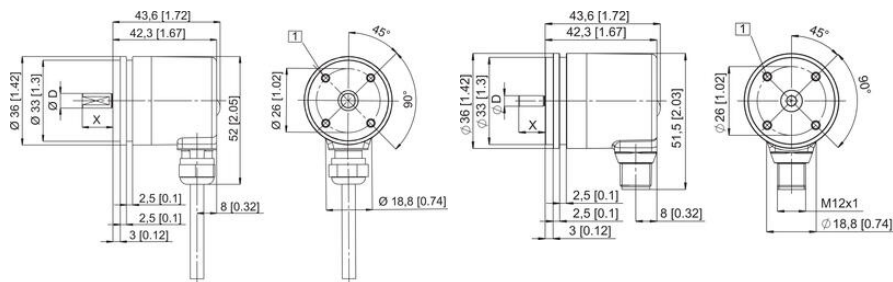
1 = IP67
2 = IP69k

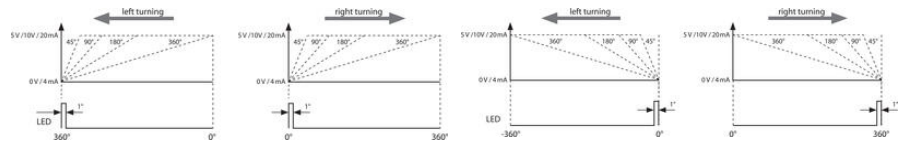
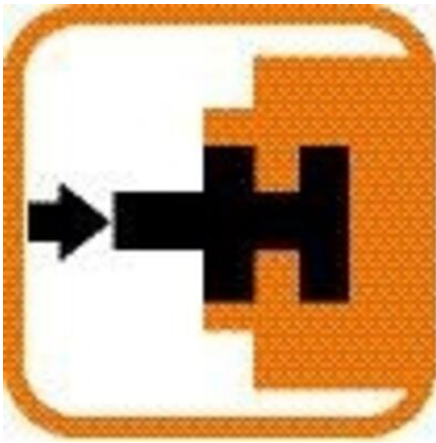
Optional on request

- Ex 2/22 (only for type of connection 3 + 4)
- surface protection salt spray tested

Specifications

Housing diameter	36
IP Class	IP67, IP69K
Shaft Diameter max	8
Shaft Diameter min	6
Supply Voltage DC Max	30
Supply Voltage DC Min	10
Temperature range from	-40
Temperature range to	85





Interface	Type of connection	Cable (isolate unused wires individually before initial start up)
3 (current)	1, 2, A, B	Signal: 0V - +V - +I - -I Cable colour: WH BN GN YE
3	Type of connection: M12 connector, 5 pin	
3 (current)	3, 4	Signal: 0V - +V - +I - -I Pin: 3 2 4 5
Interface	Type of connection	Cable (isolate unused wires individually before initial start up)
4, 5 (voltage)	1, 2, A, B	Signal: 0V - +V - +U - -U Cable colour: WH BN GN YE
4, 5 (voltage)	Type of connection: M12 connector, 5 pin	
4, 5 (voltage)	3, 4	Signal: 0V - +V - +U - -U Pin: 3 2 4 5

Top view of mating side, male contact base



M12 connector, 5-pin

+V: Encoder power supply +5DC
0V: Encoder power supply ground GND (0V)
+I/-I: Voltage + / voltage -
+U/-U: Current + / current -