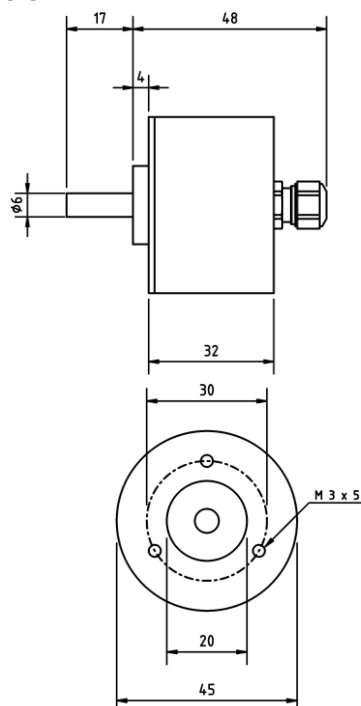


15-37 standard type
15-38 with index pulse



Electrical data

Power supply voltage:	10 - 30 VDC
Current consumption:	max. 30 mA
Output signals:	A, B push – pull, optional index pulse Z
Output level:	HTL
Output current / channel:	max. 15 mA
Output frequency:	max. 10 kHz
Encoder resolution:	max. 500 pulses / revolution



Mechanical data

Housing diameter:	45 mm
Flange diameter:	45 mm
Shaft diameter:	6 mm
Bearing:	double ball bearing
Weight without cable:	ca. 144 g
Cable weight:	ca. 20 g/m
Shaft load:	radial and axial 20 Nm
Torque:	0,01 Nm
Max. revolution:	6000 rpm
Standard cable output:	1,5 m fix mounted cable

15-32

45 mm
45 mm
6 mm
double ball bearing
ca. 144 g
ca. 20 g/m
radial and axial 20 Nm
0,01 Nm
6000 rpm
1,5 m fix mounted cable

15-37

45 mm
58 mm
10 mm
double ball bearing
ca. 225 g
ca. 20 g/m
radial and axial 30 Nm
0,01 Nm
6000 rpm
1,5 m fix mounted cable

Environmental conditions

Operation temperature:	- 10 ... + 50° C	- 10 ... + 50° C
Storage temperature:	- 20 ... + 60° C	- 20 ... + 60° C
Humidity:	max. 95%, non-condensing	
Protection class:	IP54	IP63

Accessories

Metal spring	19.6100 6/6 mm	19.6200 10/10 mm
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Order code: 15-AA-BBBB-CC.C-D

A Version:
32 = standard type 37 = standard type
33 = with index pulse 38 = with index pulse

B Pulses per revolution:
0100 = 100 ppr

C Cable length:
01,5 = standard cable length 1,5 m
XXXX = without cable (only possible with option B), opposite connector included

D Options:
B = miniature round connector M9, Binder 09-0081-00-04
N = supply / output voltage 5V
S = flattened shaft

Pulses per revolution

1	2	3	4	5	6	7	8	10	16	20
24	25	30	36	40	50	60	70	72	80	90
98	100	109	120	125	127	140	150	157	160	180
197	200	220	225	240	250	270	280	300	360	500

Connections

0 V (GND)	white	pin 1
10-30 VDC	brown	pin 2
channel A	green	pin 3
channel B	yellow	pin 4
channel Z	grey	pin 5

