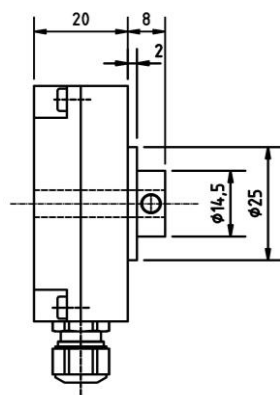
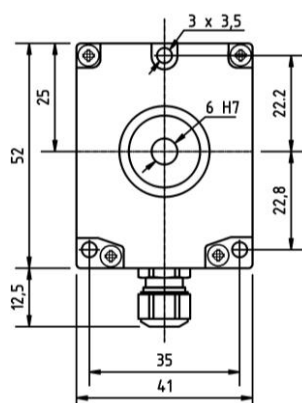


Optical rotary encoder 15-62 with hollow shaft



Dimension



Electrical data

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

Mechanical data

Housing:	massive zinc die cast
Shaft:	hollow shaft Ø 6 mm
Max. angular error:	1,5°
Max. run out:	0,5 mm
Bearing:	double ball bearing
Weight without cable:	ca. 250 g
Cable weight:	ca. 20 g/m
Max. shaft load:	radial and axial 20 Nm
Torque:	0,01 Nm
Max. revolution:	6000 rpm
Cable output:	1,5 m fix mounted cable (other lengths on request)

Environmental conditions

Operation temperature:	- 10 ... + 50° C
Storage temperature:	- 20 ... + 60° C
Humidity:	max. 95%, non-condensing
Protection class:	IP 54

Order code

15-AA-BBBB-CC.C-D

A Version:	C Cable length:
62 = hollow shaft	01,5 = standard cable length 1,5 m
B Pulses per revolution:	D Options:
0100 = 100 ppr (see table)	N = supply / output voltage 5V
	W = with bolt

Wiring

0 V (GND)	white
10-30 VDC	brown
channel A	green
channel B	yellow

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	-