

**Inductive Hollow shaft encoder, Absolute**

- 58mm diameter
- Extremely robust design
- Shock and vibration protected
- Inductive scanning

**Mechanical data**

Operating temperature	-40 °C...+70 °C
Ingress protection class [IEC 60529]	IP 66 and IP 67
Vibration [IEC 60068-2-64]	≤ 300 m/s ²
Shock [IEC 60068-2-27]	≤ 2000 m/s ²
Shaft load max (axial/radial)	100 / 140 N
Rotational speed max	12000 rpm
Shaft material	Stainless steel
Cover material	Aluminium (anodized)
Weight	430 g

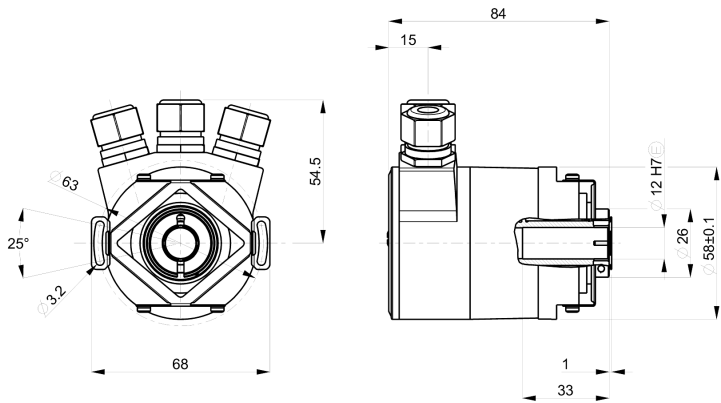
Encoder configuration

Code key	60854822
Type	IHA
Model	608 Multiturn
Shaft type	Ø12 mm blind hollow shaft
Flange type	58/59-flange with stator coupling
Power supply	9-36 Vdc
Output interface	CANopen
Absolute resolution	25 bit (13 bit singleturn + 12 bit multiturn)
Connection type	Cable gland
Connecting direction	Radial

Electrical data

Polarity protected	Yes
Current consumption (No load)	90 mA at 24 Vdc
Absolute accuracy	± 180 arcsec
Supported profile	Encoder profile DS406 v.3,2
Node adress	Settable via DIP switches, 0...99
Baud rate	Settable via switch, max. 1 Mbit/s
Firmware version	V2.03

Dimensions



Supported functions

Preset, Scaling, Code sequence, Velocity, Acceleration, PDO mapping, Heartbeat, Node Guarding

Pin Configuration

Function	Terminal
+E Volt	1 (+)
0 Volt	2 (-)
CAN_H	3 (H)
CAN_L	4 (L)
CAN_GND	5 (G)
CAN_GND	6 (G)
CAN_L	7 (L)
CAN_H	8 (H)

Order information

Part number	1042723-01
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