**Inductive 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 / 125 N
Rotational speed max	12000 rpm
Shaft material	Stainless steel
Cover material	Aluminium (anodized)
Weight	430 g

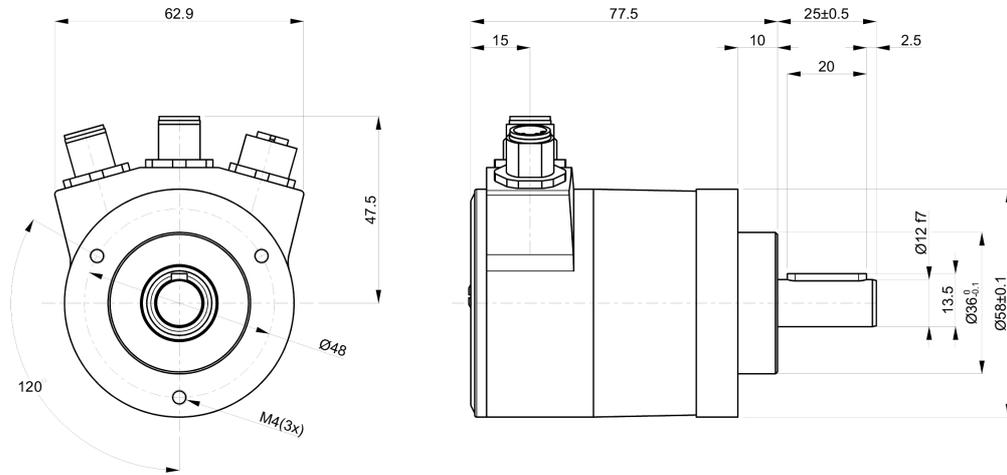
Encoder configuration

Code key	60816718
Type	ISA
Model	608 Multiturn
Shaft type	Ø12 mm with key nut
Flange type	Clamping flange (61sp-type)
Power supply	9-36 Vdc
Output interface	PROFIBUS DP
Absolute resolution	31 bit (19 bit singleturn + 12 bit multiturn)
Connection type	3xM12 connectors
Connecting direction	Radial

Electrical data

Polarity protected	Yes
Current consumption (No load)	95 mA at 24 Vdc
Absolute accuracy	± 100 arcsec
Supported profile	Encoder profile 3.062 and 3.162 v4.1
Node adress	Settable via DIP switches, 0...99
Baud rate	Max. 12 Mbit/s

Dimensions

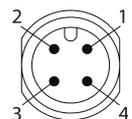
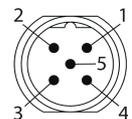
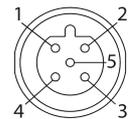


Supported functions

Preset, Scaling, Code sequence, Isosynchronous mode (only DPV2), Velocity (only DPV0 class 2)

Pin Configuration

Function	Pin
M12 Bus out	
VP	1
A	2
DGND	3
B	4
Chassis	5
M12 Bus in	
A	2
B	4
Chassis	5
M12 power	
+E Volt	1
0 Volt	3



Order information

Part number	1151757-01
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