

Inductive Shaft encoder, Absolute

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

**Mechanical data**

Operating temperature	-40 °C...+85 °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	300 g

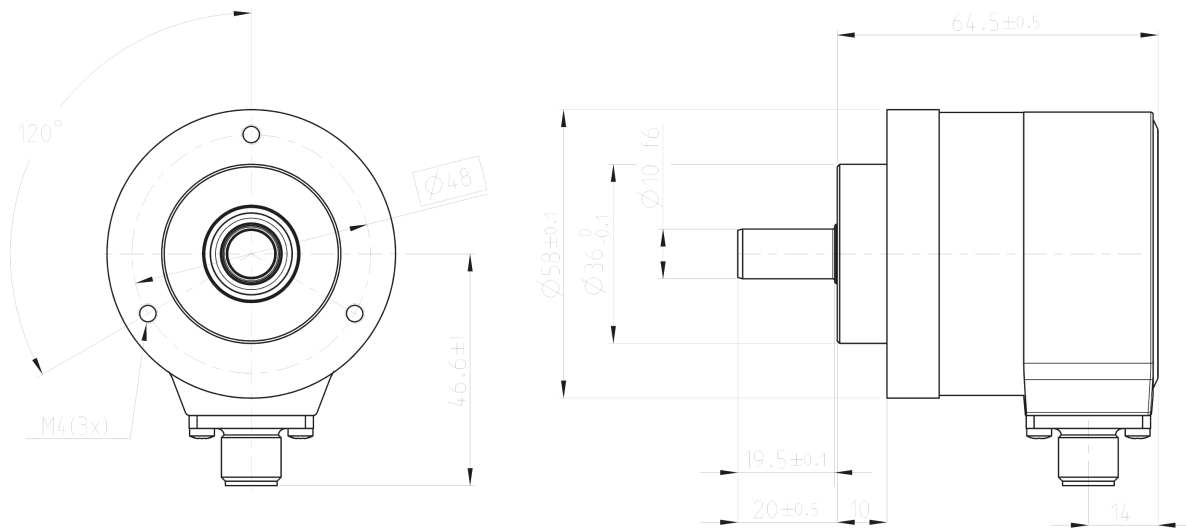
Encoder configuration

Code key	60812725
Type	ISA
Model	608 Multiturn
Shaft type	Ø10 mm round
Flange type	Clamping flange (61sp-type)
Power supply	9-36 Vdc
Output interface	DRIVE-CLiQ
Absolute resolution	31 bit (19 bit singleturn + 12 bit multiturn)
Connection type	8 pin M12 connector
Connecting direction	Radial

Electrical data

Polarity protected	Yes
Current consumption (No load)	90 mA at 24 Vdc (Max. 150 mA)
Absolute accuracy	± 100 arcsec

Dimensions



Supported functions

For detailed commissioning information, please consult the Siemens document SINAMICS S120, Commissioning manual 01/21012.

Pin Configuration

Function	Pin
+E Volt	1
RXP	3
RXN	4
0 Volt	5
TXN	6
TXP	7



Order information

Part number	821994-01
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