DG 58

Incremental Shaft-Encoder

- Rugged aluminium-housing
- High shock- and vibration tolerance
- up to 10000 Incr./rev.
- 6 short circuit-proof outputs
- Servo- or clamping flange
- IP67 on housing
  IP66 on axle
- Suitable for outdoor applications

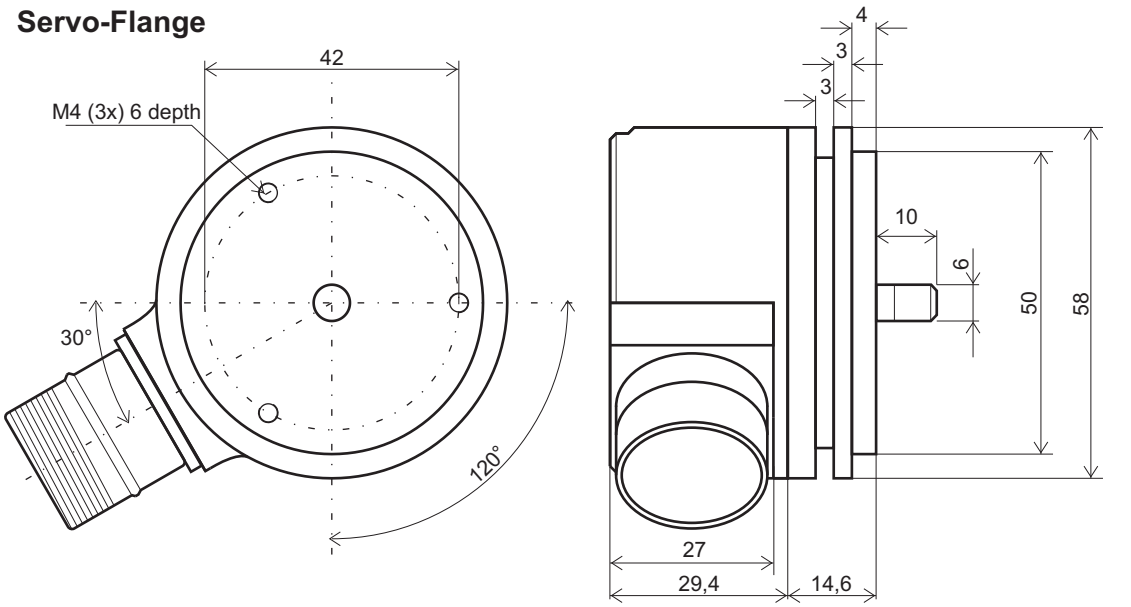
Order code: DG58-lpr-5-0x

- 02 - Calmping-flange
  03 - Servo-Flange
- 5V-supply
- 1000/5000/10000 Incr./rev.

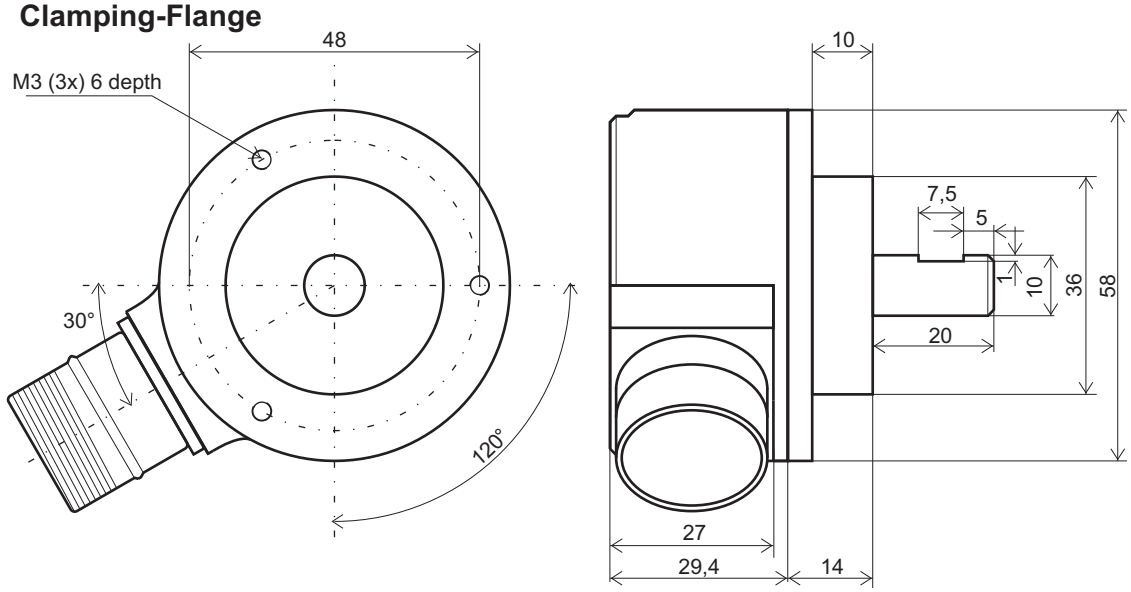
45/07-089.082.03

Dimensions

Servo-Flange



Clamping-Flange



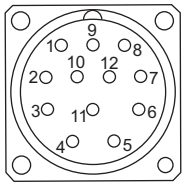
Technical Data:

Supply voltage:	5 V DC, (max. 75 mA)
Resolution:	up to 10000 Increments/rev.
max. rpm:	6000 1/min mechanical
operating speed:	(n÷60)•resolution < 250kHz
Interface:	RS422, 5V Level
Max. axial load:	< 50 N
Max. radial load:	< 60 N
Vibrations:	15g/55...2000Hz IEC 60068 part 2-6
Shock:	200g/6ms IEC 60068 part 2-27
Ambient temperature:	-40°C ... +70°C
Protection class:	IP 67 (IEC 60529)

Pin assignment:

Pin:	Function:
5	Ch A
6	Ch A inv.
8	Ch B
1	Ch B inv.
3	IP
4	IP inv.
12	+5 V Supply
10	GND / 0 V
7	Status (Optional)
Housing	Shield

View on Pins



All data in this brochure have an informative character without warranty of characteristics. Changes without previous announcement reserved.

esitron-electronic GmbH

Ernst-Zimmermann-Str. 18
D-88045 Friedrichshafen
Internet: www.esitron.de

Tel. +49(0)7541-6000-0
Fax +49(0)7541-6000-11
E-Mail: info@esitron.de