

**Ruggedized Shaft encoder, Absolute**

- 58mm diameter
- Single turn resolution 13 bit
- Multi turn resolution 12 bit
- Robust design
- Shock and vibration protected

**Technical data**

Operating temperature	-40 °C .. +100 °C
Ingress protection class [IEC 60529]	IP67/IP66 (Encoder body/Shaft inlet)
Current consumption	Max 200 mA
Vibration [IEC 60068-2-6]	≤ 300 m/s <sup>2</sup>
Shock [IEC 60068-2-27]	≤ 1000 m/s <sup>2</sup>
Cover material	Aluminium
Weight	300 g
Shaft load (axial/radial)	40 N / 60 N
Shaft material	Stainless steel
Rotational speed max	12000 rpm
Polarity protected	No

**Encoder configuration**

Type	RSA
Model	608 Multiturn
Shaft type	Ø10 mm round
Flange type	Clamping flange (61sp-type)
Resolution	25 bit absolute + Incremental 512 ppr 1Vpp
Power supply	5 Vdc
Output signal	EnDat with additional incremental 1Vpp signals
Connection type	Cable
Connecting direction	Radial
Cable length	5.00 m

## Dimensions

Drawing available upon request to Leine & Linde.

## Output signals

## Pin configuration

Function	Colour
+EV Sense	Blue
OV Sense	White
+E Volt	Brown/Green
0 Volt	White/Green
Clock	Violet
Clock inverted	Yellow
Data	Grey
Data inverted	Pink
A	Blue/Black
A inverted	Red/Black
B	Green/Black
B inverted	Yellow/Black
Chassis	Shield

## Ordering information

Part number

620917-01