

**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 .. +70 °C
Ingress protection class [IEC 60529]	IP67/IP66 (Encoder body/Shaft inlet)
Current consumption	65 mA at 24 Vdc (Max. 100 mA at 24 Vdc)
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 (Passivated and coated)
Weight	300 g
Shaft load (axial/radial)	50 N / 60 N
Shaft material	Stainless steel
Rotational speed max	12000 rpm
Polarity protected	Yes

**Encoder configuration**

Type	RSA
Model	608 Multiturn
Shaft type	Ø6 mm round
Flange type	Synchro flange (63-type)
Resolution	25 bit absolute + Incremental 1024 ppr HTL
Power supply	9-30 Vdc
Output signal	SSI Gray with additional incremental HTL 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	Color
+E Volt	Red
0 V	Blue
Code sequence	Yellow
STATUS	Green
PRESET	Black
Clock	White
Clock\	Brown
Data	Grey
Data\	Pink
S90	White/Green
S90\	White/Yellow
S00	Brown/Green
S00\	Brown/Yellow
Set Code sequence to +EV to change code direction	

## Ordering information

Part number

804061-01