

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	60 mA at 24 Vdc (Max. 90 mA at 24 Vdc)
Vibration [IEC 60068-2-6]	≤ 300 m/s ²
Shock [IEC 60068-2-27]	≤ 1000 m/s ²
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	Ø10 mm round
Flange type	Synchro flange (63-type)
Resolution	25 bit absolute + Incremental 512 ppr 1Vpp
Power supply	9-36 Vdc
Output signal	SSI Programmable
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
RS-232 TXD	Blue/Red
Direction	Yellow
STATUS	Green
RS-232 RXD	Grey/Pink
PRESET 1	Black
PRESET 2	Violet
+E Volt	Red
Clock	White
Clock\	Brown
0 Volt	Blue
B	White/Green
B\	White/Yellow
Data	Grey
A	Brown/Green
A\	Brown/Yellow
Data\	Pink

Ordering information

Part number

803779-01