

- Single turn resolution ≤ 14 bit
- Robust design
- Shock and vibration protected



Technical data

Operating temperature	-40 °C .. +80 °C
Ingress protection class [IEC 60529]	IP67/IP66 (Encoder body/Shaft inlet)
Current consumption	100 mA
Vibration [IEC 60068-2-6]	≤ 300 m/s ²
Shock [IEC 60068-2-27]	≤ 2000 m/s ²
Cover material	Aluminium
Weight	300 g
Shaft load (axial/radial)	50 N / 60 N
Shaft material	Stainless steel
Rotational speed max	6000 rpm
Polarity protected	No

Encoder configuration

Type	RSA
Model	507 Singleturn
Shaft type	Ø6 mm round
Flange type	Synchro flange (63-type)
Resolution	13 bit singleturn
Power supply	5 Vdc
Output signal	SSI Gray
Connection type	M23 connector 17-pin
Connecting direction	Radial

Dimensions

Drawing available upon request to Leine & Linde.

Output signals

Pin configuration

Function	Pin
+E Volt	7
0 Volt	10
Clock	8
Clock inverted	9
Data	14
Data inverted	17
Code sequence	2
Housing	chassis

Ordering information

Part number

739385-01
