

- 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	50 mA at 24 Vdc
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	Yes

Encoder configuration

Type	RSA
Model	507 Singleturn
Shaft type	Ø6 mm with partial flat
Flange type	Synchro flange (63-type)
Resolution	13 bit singleturn
Power supply	9-36 Vdc
Output signal	Parallel Gray
Connection type	PT connector 19-pin
Connecting direction	Axial

Dimensions

Drawing available upon request to Leine & Linde.

Output signals

Pin configuration

Function	Pin
Bit 1	R
Bit 2	P
Bit 3	N
Bit 4	M
Bit 5	L
Bit 6	K
Bit 7	J
Bit 8	H
Bit 9	G
Bit 10	D
Bit 11	C
Bit 12	B
Bit 13	A
0 Volt	F
+E Volt	E
Code sequence	V
Chassis	Shield

Ordering information

Part number

639717-01