

- Single turn resolution  $\leq 14$  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]	$\leq 300$ m/s <sup>2</sup>
Shock [IEC 60068-2-27]	$\leq 2000$ m/s <sup>2</sup>
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	Ø10 with partial flat
Flange type	Synchro flange (63-type)
Resolution	13 bit singleturn
Power supply	9-36 Vdc
Output signal	SSI Gray
Connection type	M23 connector 17-pin
Connecting direction	Radial

## Dimensions

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Drawing available upon request to Leine & Linde.

## Output signals

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## Pin configuration

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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

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Part number

646405-01