

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



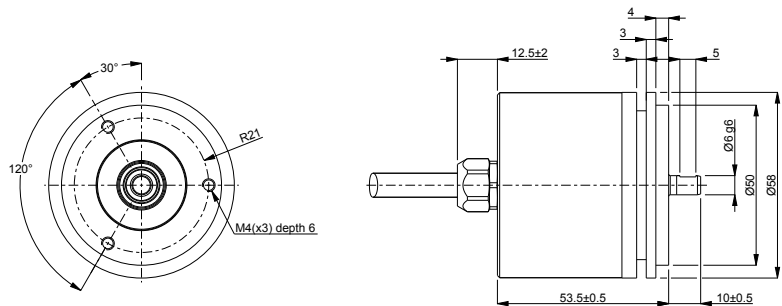
Technical data

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]	$\leq 300 \text{ m/s}^2$
Shock [IEC 60068-2-27]	$\leq 2000 \text{ m/s}^2$
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	SSI Binary
Connection type	Cable
Connecting direction	Axial
Cable length	3.00 m

Dimensions



Output signals

Pin configuration

Function	Color
Clock	Yellow
Clock inverted	Green
Data	White
Data inverted	Black
Hold	Brown
Code sequence	Violet
0 Volt	Blue
+E Volt	Red
Chassis	Shield

Ordering information

Part number

746047-01