

- 58mm diameter
- Extremely robust design
- Shock and vibration protected
- Inductive scanning
- Stainless steel EN 1.4404/AISI 316L



Technical data

Operating temperature	-40 °C .. +70 °C
Ingress protection class [IEC 60529]	IP67
Current consumption	100 mA at 24 Vdc
Vibration [IEC 60068-2-6]	≤ 300 m/s ²
Shock [IEC 60068-2-27]	≤ 2000 m/s ²
Cover material	Stainless steel 1.4404
Weight	750 g
Shaft load (axial/radial)	100 / 125 N
Shaft material	Stainless steel 1.4404
Rotational speed max	12000 rpm
Polarity protected	Yes

Encoder configuration

Type	ISA
Model	638 Multiturn Stainless steel
Shaft type	ø10mm shaft with face
Flange type	Clamping flange (61sp-type)
Resolution	25 bit (13 bit singleturn + 12 bit multiturn)
Power supply	9-36 Vdc
Output signal	PROFINET
Connection type	3xM12 connectors
Connecting direction	Radial

Dimensions

Drawing available upon request to Leine & Linde.

Output signals

Pin configuration

Function	Pin
4p D-coded M12 (Port 2)	
Tx+	1
Rx+	2
Tx-	3
Rx-	4
4p D-coded M12 (Port 1)	
Tx+	1
Rx+	2
Tx-	3
RX-	4
4p A-coded M12 (Supply)	
+E Volt	1
0 Volt	3

Ordering information

Part number 1072404-01