	Incremental RON 905
Incremental signals	∿ 11 μA_{PP}
Line count	36000
Reference mark	One
Cutoff frequency –3 dB	≥ 40 kHz
Recommended meas. step for position capture	0.000 01°
System accuracy	± 0.4"
Power supply without load	5 V ± 5% max. 250 mA
Electrical connection	Cable 1 m, with M23 connector
Max. cable length[1)]	15 m
Shaft	Blind hollow shaft
Mech. permissible speed	≤ 100 rpm
Starting torque	≤ 0.05 Nm at 20 °C
Moment of inertia of rotor	$0.345 \cdot 10^{-3}$ kgm^2
Natural frequency	≥ 350 Hz
Permissible axial motion of measured shaft	≤ ± 0,2 mm
Vibration 55 to 2000 Hz **Shock** 6 ms	≤ 50 m/s^2 (IEC 60068-2-6) ≤ 1000 m/s^2 (IEC 60068-2-27)
Operating temperature	10 to 30 °C
Protection IEC 60529	IP 64
Weight	Approx. 4 kg

[1)] With HEIDENHAIN cable