

# SUBSEA

ENCODERS

IP68



10  
BAR



**Incremental Encoders**  
Customized Solutions for Subsea Applications



[www.encoderhohner.com](http://www.encoderhohner.com)





## SERIE 130M

Magnetic Incremental Encoder  
for Extreme Environments



SUBSEA  
ENCODER



DEPTHS DOWN  
TO 100 M



PROTECTION  
IP68

### Technical Specifications

Housing Material	Anodized aluminium 20 µm
Shaft Material	Stainless Steel AISI316
Hollow shaft diameter	16 to 25 mm
Maximum speed	2800 rpm
Protection (DIN EN 60529)	IP68
Rotor inertia moment	4,7 Kgcm <sup>2</sup>
Starting torque at 20°C (68°F)	≈ 0,15 Nm
Maximum load permitted	150 N (axial) 200 N (radial)
Weight aprox.	≈ 2,4 Kg
Operating temperature range	-20°C to +90°C
Vibration (DIN EN 60068-2-6)	150 m/s <sup>2</sup> (15g) (10Hz...2000Hz)
Shock (DIN EN 60068-2-27)	2000 m/s <sup>2</sup> (12ms)
Nº pulses per turn	128, 256, 516, 1024, 2048
Connection	Industrial connector 8p IP68; Hermetic sealing