

PRESSIT® HD
SUBSEA PRESSURE
SENSOR
PRODUCT SHEETS

Pressit® HD: ultra-rugged subsea pressure sensor designed for precision pressure measurement in the harshest operating conditions



PRESSIT[®] HD SUBSEA PRESSURE SENSOR SPECIFICATIONS

GENERAL

	METRIC	IMPERIAL
Main dimensions	See detailed drawings	
Materials	Stainless steel 316L	
Weight in air	± 23 kg	± 51 lbs
Maximum working depth ¹	90 msw	295 ft
Operational temperature range	-5°C - +35°C	23°F - +95°F

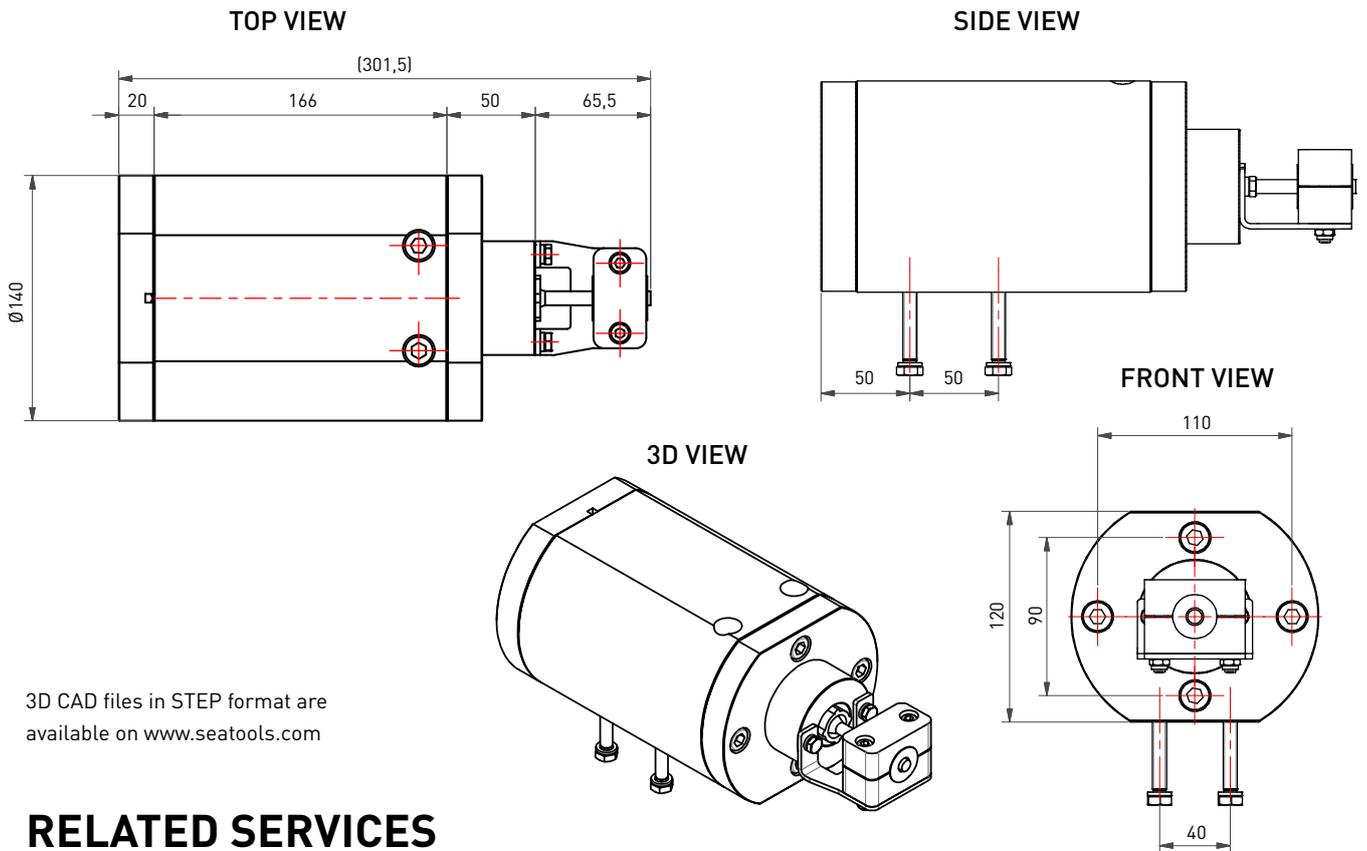
¹ Greater working depths are available upon request

ELECTRICAL

	METRIC	IMPERIAL
Supply voltage	9 - 30 VDC (isolated)	
Supply current	< 20mA @ 24VDC	
Measurement range	10 bar	145 psi
Accuracy	±0.01% FS (FS = 10 bar)	
Resolution	0.001% FS (0.0001 bar, approx. 1 mm depth)	(0.00145 psi, approx. 0.0394" depth)
Data output	RS-232 or RS-485	
Protocol	4800 to 115k2 baud 8N1 (default 19200 8N1)	
Baud rate	Configurable (default 19200)	
Connector ²	Subconn [®] type MCBH6F (titanium)	

² Other connector types are available upon request

DIMENSIONS



3D CAD files in STEP format are available on www.seatools.com

RELATED SERVICES

Client advisory

During the selection process, we consult clients to ensure they opt for the right Pressit® sensor. In our recommendation we take into consideration measurement range, required accuracy, system setup, data communication, mounting possibilities, vibrations, and other factors that are relevant to your case.

Custom-made versions

Next to our standardized series, Seatools offers custom-made subsea pressure sensors that are tailored to your specifications. Please contact our sales department to request a customized angle sensor.

Subsea monitoring & control systems

Next to the delivery of stand-alone sensors, we can deliver full-fledged subsea monitoring systems, including all related systems such as mechanics, software, electronics, and controls.

seatools

Edisonstraat 67
3281 NC Numansdorp
The Netherlands
Tel. +31 (0) 186 68 00 00
www.seatools.com
info@seatools.com

UNDERWATER SPECIALISTS