

BDSENSORS

Montageanleitung / Mounting instructions

Druckmessumformer für Schifffahrt und Offshore / Pressure Transmitter for Shipbuilding and Offshore

DMK 456, DMK 457, DMK 458, DMP 457



VOR GEBRAUCH SORGFÄLTIG LESEN AUFBEWAHREN FÜR SPÄTERES NACHSCHLAGEN

READ THOROUGHLY BEFORE USING THE DEVICE **KEEP FOR FUTURE REFERENCE**

ID: MA DMU Schiff D-E | Version: 07.2022.0

Diese Montageanleitung stellt einen Auszug aus der ausführlichen Betriebsanleitung dar. Bitte fordern Sie diese an. falls Sie nicht mit dem Produkt vertraut sind.

reserved

These mounting instructions are an excerpt from the complete operating manual. If you are not familiar with the device, please order it.

http://www.bdsensors.de

- Technische Änderungen vorbehalten -

- Technical modifications reserved -



WARNING - In order to avoid hazards to operators and damages to the device, the following instructions have to be performed by qualified technical personnel.

WARNING - Adhere to the safety and operating instructions stated in the operation manual. Effective regulations on occupational safety, accident prevention as well as national installation standards and approved engineering techniques must in addition be complied with.

Limitation of liability and warranty

Failure to observe mounting instructions / operating manual or technical regulations, improper use and use not as intended, and alteration of or damage to the device will result in the forfeiture of warranty and liability claims.

Intended use

Ensure that the medium is compatible with the media-wetted parts and that the device is suitable for the application without restrictions. The technical data listed in the current data sheet is binding.

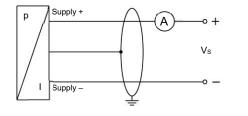
Product identification

B D S		DRS BD-Sensors-St 95199 Thierste www.bdsensor	r. 1 in, Germany s de
DMP 457		I-3-G10-100-1-000	SN: 217476
Input: -15 bar	gauge	Connector Pinout:	C
Output: 420 mA/2-wire		Vs+ 1	

Pin configuration

Electrical connections	ISO 4400	M12x1 (4-pin)
Supply +	1	1
Supply –	2	2
Shield	ground pin 🕀	4
Electrical connections	field housing	cable colours (IEC 60757)
Supply +	VS+	WH (white)
Supply –	VS-	BN (brown)
Shield	GND	GNYE (green-yellow)

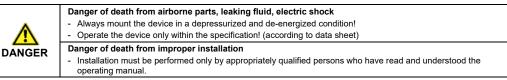
Wiring diagram



NOTE - Use a shielded and twisted multicore cable for the electrical connection.



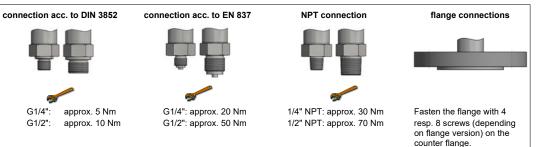
Mounting



NOTE - Use a suitable seal for the medium and the pressure to be measured, if necessary. For connections according to DIN 3852 do not use any additional sealing material such as yarn, hemp or Teflon tape!

NOTE - The permissible tightening torque depends on the conditions on site (material and geometry of the mounting point). The specified tightening torgues are valid for the transmitters and must not be exceeded!

NOTE - When installing the device, avoid high mechanical stresses on the pressure port! This will result in a shift of the characteristic curve or to damage, in particular in case of very small pressure ranges.



NOTE - For more information, please read the detailed operating manual.

Certificate

	DNV TYPE APPROVAL CERTIFICATE
The pressure transmitters DMK 456, DMK 457, DMK 458 and DMP 457 fulfil the re- quirements of DNV (Det Norske Veritas). The certificate is available for download on our homepage: http://www.bdsensors.de	This is to certify: The tis two certify: The tis two certifies: When the construction of the tis tis the tis tis the tis
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