



MANNER
SENSORTELEMETRIE

50 N·m to 10 kN·m

MANNER advanced design for higher precision and overload resistance

- ✎ Rated speeds up to 32.000 min⁻¹
- ✎ Accuracy class 0.05 (up to 0.02 optional)
- ✎ Short design
- ✎ Customized mechanical interface
- ✎ DAkkS calibrations available
- ✎ Wide temperature range: -40°C up to 160°C
- ✎ Up to 16 kHz (-3dB) bandwidth

**What we do better
as others**

**Flexible and
Proven!**

**Go Dual,
go Digital!**

Our Design

- ✎ 400% limit torque of the nominal torque with no harm to the flange
- ✎ 800% breaking torque of the nominal torque
- ✎ High bending tolerance

Options for Highest Accuracy

- ✎ Zero drift compensation -40°C to 160°C
- ✎ E-Modul compensation -40°C to 160°C
- ✎ Speed compensation
- ✎ Compensation of parasitic forces

Made for harsh environment

- ✎ Oil mist, grease
- ✎ Water IP67; Saltwater
- ✎ ATEX

- ✎ The inductive technology allows flexible stator configurations depending on your needs:
 - Radial/Nominal distance is 10 mm (up to 20 mm optional)
 - Axial tolerance between pickup and flange is ±2 mm (up to ±20 mm optional)

- ✎ High rotor to stator distance prevents collisions, vibrations and damage through inaccurate installation

MANNERs proven technology ensures

- ✎ high transmission quality, even with inaccurate installation

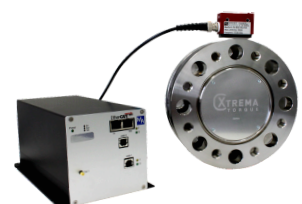
Fully digitalized measurement (no

- ✎ interference on the communication path)

- ✎ The stator unit is freely configurable with the classic analogue signal output (voltage, current, frequency)
- ✎ The following digital outputs are available via EtherCAT, CAN, Ethernet, WLAN
- ✎ Interface for health monitoring
- ✎ Integrated Pick-Up version is available as well as a set apart solution for cabinet mounted evaluation units



Antenna embedded in the evaluation unit



Stand-alone antenna detached from evaluation unit



Solutions for all sizes



XtreMA HP
(0.05...10 kN·m)



XtreMAX
(10...1000 kN·m)



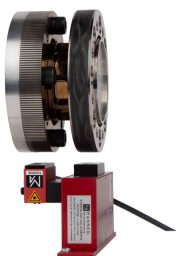
Customized
Solutions



Highspeed Flange
65.000 rpm

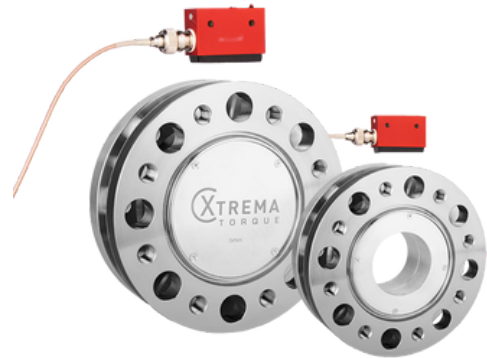


MW_S
(1...500 N·m)



Two
range

Option: Change e.g. via app or
simultaneous - 2 Channel solution



Outstanding - "There is no Mission Impossible for MANNER!"

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