



**Technical data:**

**General data:**

Type DR.....	Reaction measuring transducer without angle logic
Type DWR .....	Reaction measuring transducer with angle logic
Flanged plug-in connector	Make Binder, series 723, 12-pin
Type of sensor	Torque transducer
Sensor element	DMS-full bridge, 350 Ohm
Supply voltage	+/- 12V (11,5V - 13V)
Curent consumption	65 mA
Output voltage at nominal torque	+/- 5V
Calibration signal	5V
Angle trace V/N (only with DWR)	5V signal
Angle resolution	0,5 degrees
Rating memory	0,5° resolution
Rating memory Bus	internally in EEPROM
	I <sup>2</sup> C

**Pin assignment:**

A	+ 12V	Transmitter supply
B	GND	Ground
C	+ MD	Torque +/- 5V
D	- MD	Reference point torque signal
E	DE	DATE ENABLE to read out the rating memory (5V)
F	SDA	serial data (I <sup>2</sup> C)
G	SCL	serial clock (I <sup>2</sup> C)
H	Kal.	Calibration input (5V)
J	W-V	Angle leading (only with DWR)
K	W-N	Angle lagging (only with DWR)
L	- 12V	Transmitter supply