

Supply and Display Unit for active Torque Transducers Type ValueView 291-1

- 24 bit resolution
- up to 50 measurements per second
- permanent Min/Max-Display
- Tara-function
- Sensorfeeding



Description:

The supply and display unit ValueView gives you in connection with ETH-torque transducers a possibility to show torque values in various manner for a reasonable price. In the standard operating mode "momentary value" you can read the last measured value alternatively the display can be set to "maximum value" or "minimum value". The time of taking a reading and the time of the display-cycle can be programmed.

On all operating modes a tara-function is available. With the +/- full-scale-input it is also possible to show the direction of the measured torque. On displaying of four programmable switching points you can supervise the compliance of set threshold values. Special versions for passive transducers and for display of speed are available on demand.

Connecting sockets on the rear:



Technical Data:

Supply Voltage		Signal processing	
mains voltage:	115 – 230 VAC +/- 10% (50-60Hz)	Time of measurement:	0,02 – 10,00 sec
		Measurement rate:	max. 50 measurements/sec
Sensor feeding		Accuracy	
for torque transducers	12V DC / 500mA	Measurement fault:	≤ 0,02 % ± 2 Digit
		Temperature drift:	50 ppm/K
Input		Indication	
Input Sensitivity:	0 - ± 5V; 0- ± 10V; 0- ± 20mA	Display:	LED with 7 segments, 14mm high
Input Resistance:	150kΩ	Overflow:	indication of 4 transversal bars
Signal output		Ambient conditions	
Torque:	feed through from transducer	Working temperature:	0 bis +60°C
Speed:	feed through from transducer	Storing temperature:	-20 bis +80°C
Connections		Protection	IP 40 conform to DIN 40050
Input:	round connectors on the rear	Dimensions	166 x 80 x 200 mm (BxHxT)
Output:	round connectors on the rear	Weight	1200 g