



**APPROVED
UK
DISTRIBUTOR**

Torque Transducer Type DRFS 1/4" with hexagonal drive



**for automobile manufacturing, test bench and assembly applications,
suitable for pulsed tools**

It distinguishes with the following special features:

- No service needed because of contactless data acquisition
- Frequency modulation and strain gage principle cause high accuracy
- Ordinary power supply
- High interference rejection because of amplified active signal

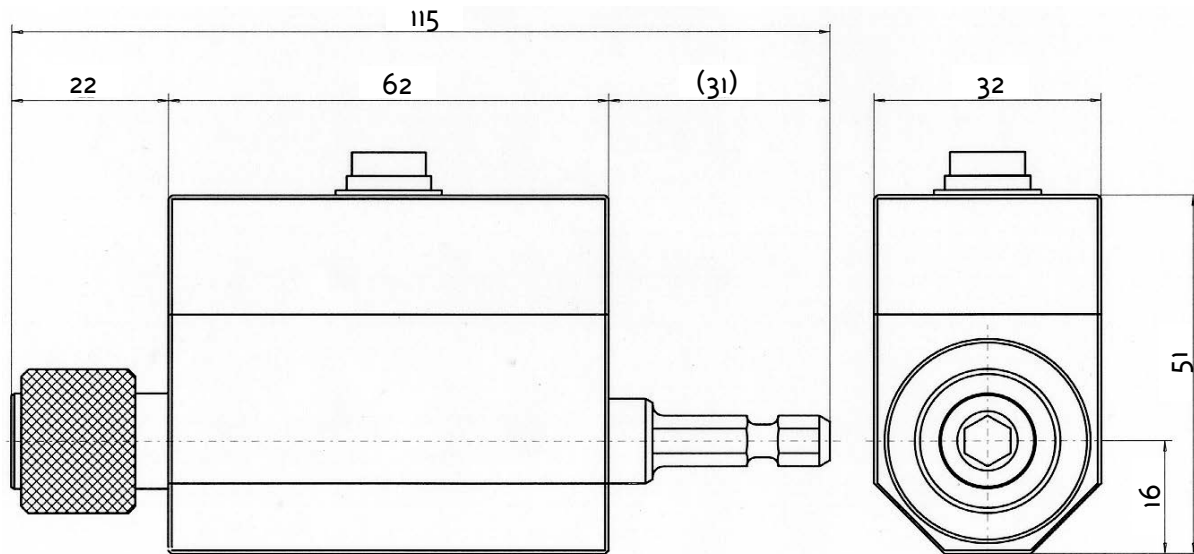


Distributed by:

APPLIED MEASUREMENTS LTD.
Transducer Specialists...

appmeas.co.uk | info@appmeas.co.uk | +44 (0) 118 981 7339

Mechanical dimensions:



1/4" hexagonal DIN 3126 (ISO Norm 1973-1975) form E / F with quick-release coupling

Technical Data:

Measurement Range:	1; 2; 5; 10; 12; 15; 20 Nm
Supply Voltage:	12V DC $\pm 10\%$
Current Consumption:	approx. 200mA
Rise Time 10-90%:	1ms (1kHz)
Voltage Output:	0- ± 5 V
Internal Resistance:	100 Ω
Ripple:	< 100mVss
Nonlinearity:	< 0,15%
Hysteresis:	< 0,1%
Deviation at zero point:	$\leq \pm 100$ mV
Operating Temperature:	0-60°C
Compensated Temperature Range:	5-45°C
Temperature fault	
Zero Point:	0,02%/K
Sensitivity:	0,01%/K
Mechanical Overload:	1-12Nm 100%; 15Nm 70%; 20Nm 30%
rev. max.:	10 000 rpm
Weight:	approx. 300g
Connection:	12 Pin Fitted Connector



Ordering Example: DRFS 10-1/4"-A
Torque-transducer (standard hexagonal) 10Nm

Attention: To order for Supply and display unit GMV1; GM1002; GM1003 without index „A“!

available Accessories: Measuring cable, supply and display unit