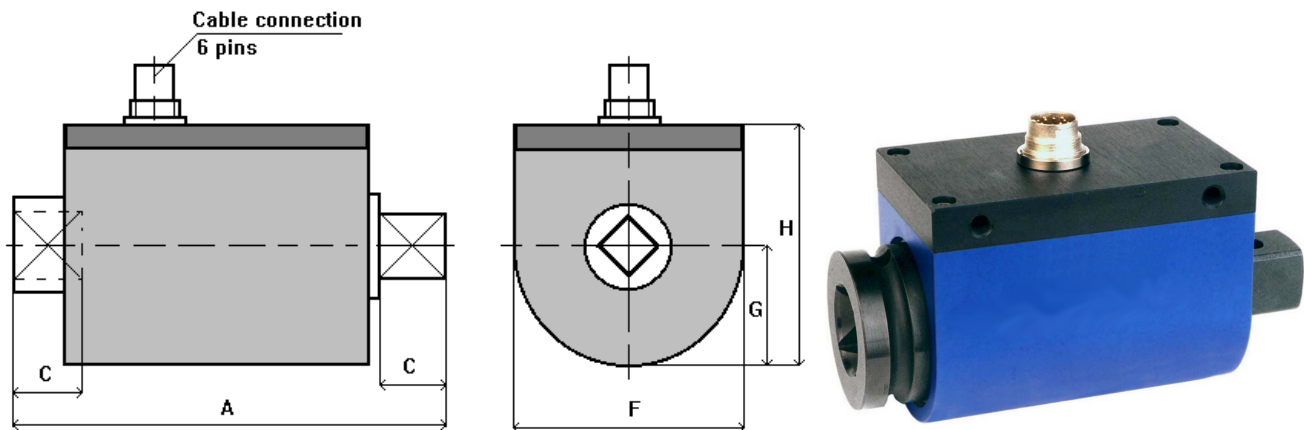


# 421

## Rotating torque transducer



### Technical data:

<b>Precision class:</b>	≤ 0,5% f. s.
<b>Bridge resistance:</b>	350 Ohm
<b>Nominal temperature range:</b>	- 5 up to +50 °C
<b>Operating temperature range:</b>	- 10 up to +60 °C
<b>Supply voltage range:</b>	2 - 12V max.
<b>Max. safe load:</b>	150% f. s.
<b>Nominal sensibility:</b>	2,00 mV/V
<b>Ultimate load:</b>	250% f. s.
<b>Repeatability:</b>	<± 0,05%
<b>Max. revolution:</b>	2000 upm

### Dimensions in mm:

Capacities in Nm	Mechanical connection	A	C	F	G	H	Signal in mV/V
1	1/4"	64	7,2	24	12	39	0,5
2	1/4"	64	7,2	24	12	39	0,5
5	1/4"	64	7,2	24	12	39	2
10	1/4"	64	7,2	24	12	39	2
20	3/8"	71	10,4	42	21	54	2
50	3/8"	71	10,4	42	21	54	2
100 / 200	1/2"	76	15,1	42	21	54	2
500	3/4"	100	22,6	60	27,5	68	2
1000	1"	120	27,4	60	27,5	68	2
2000	1 1/2"	250	39,3	115	57,5	119,5	2
5000	1 1/2"	250	39,3	115	57,5	119,5	2

### Test GmbH

Helena-Rubinstein-Str. 4  
D 40699 Erkrath  
<http://www.test-gmbh.com>

Tel.: +49 - (0) 211 - 20 99 03 0  
FAX: +49 - (0) 211 - 20 99 03 201

### Test KG

Bösch 63  
CH 6331 Hünenberg

Tel.: +41 - (0) 41 - 78 56 0 10  
FAX: +41 - (0) 41 - 78 56 0 15



ISO 9001:2000