

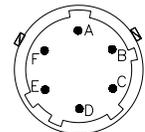
Tension or compression load

TR



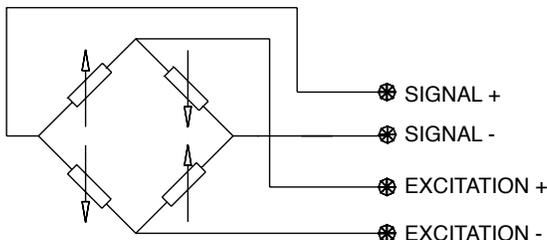
FORCE TRANSDUCER FOR MEASURING TENSION ON FIXED OR ROTATING SPINDLES

Measurement range: from 100 to 2kN
 Accuracy: 0.5%
 Protection rating: IP65 (40050)
 Integrated overload protection
 VPT02A10-6PT2-V 6-pin connector



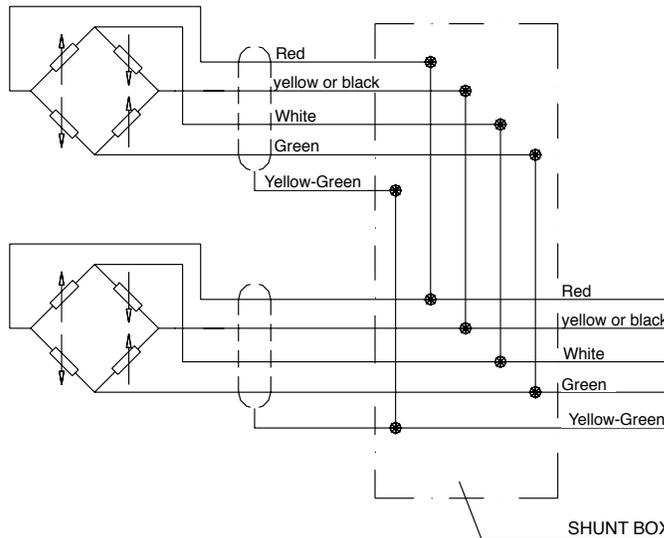
VPT02A10-6PT2 CONNECTOR

If the transducer is supplied with a prewired connection cable, the color code is the one shown in the table



	OUTPUT CABLE	CABLE CONNECTION
	A	Red
	B	yellow or black
	C	White
	D	Green

Cell connection in parallel



In connections with cells in parallel, you can connect cells with the same nominal load by following the diagram shown in the figure. In this way, the device will have the nominal sensitivity of a single cell when the sum of the maximum applicable loads of the individual cells is applied to it. In this type of use, the load acting on the single cell cannot be determined; the user must therefore ensure that no transducer is stressed beyond its full-scale value in each load condition.



Range	Diametro esterno	Order code	SAP/METEL code
100 N	Bearing 40 mm	TR-N1C-C40-1 2130X000X00	F005493 A
200 N	Bearing 40 mm	TR-N2C-C40-1 2130X000X00	F005530 A
350 N	Bearing 40 mm	TR-N3.5C-C40-1 2130X000X00	F005554 A
500 N	Bearing 40 mm	TR-N5C-C40-1 2130X000X00	F005573
750 N	Bearing 40 mm	TR-N7,5C-C40-1 2130X000X00	F005594
1000 N	Bearing 40 mm	TR-N1M-C40-1 2130X000X00	F005508 A
1500 N	Bearing 40 mm	TR-N15C-C40-1 2130X000X00	F025587
2000 N	Bearing 40 mm	TR-N20C-C40-1 2130X000X00	F040395
100 N	Shaft pin 30mm	TR-N1C-P30-1 2130X000X00	F005499
200 N	Shaft pin 30mm	TR-N2C-P30-1 2130X000X00	F005537
350 N	Shaft pin 30mm	TR-N3.5C-P30-1 2130X000X00	F005562
500 N	Shaft pin 30mm	TR-N5C-P30-1 2130X000X00	F005582

LOAD CELLS AND FORCE TRANSDUCERS

Range	Diametro esterno	Order code	SAP/METEL code
750 N	Shaft pin 30mm	TR-N7,5C-P30-1 2130X000X00	F005600
1000 N	Shaft pin 30mm	TR-NIM-P30-1 2130X000X00	F005517
1500 N	Shaft pin 30mm	TR-N15C-P30-1 2130X000X00	F053740
2000 N	Shaft pin 30mm	TR-N20C-P30-1 2130X000X00	F044036

All configurations can be seen on www.gefran.com

Accessories for TR		Description	Order code	SAP/METEL code
Connectors	6-pin female connector		CON 300	
	6-pin angular female connector		CON 324	
Connection cables with connector	6-pin female connector + 8 m cable		C08W	
	6-pin female connector + 15 m cable		C15W	
	6-pin female connector + 25 m cable		C25W	
	6-pin female connector + 30 m cable		C30W	
Flange	M10 main fastening flange		FLA 711	
	M12 main fastening flange		FLA 715	
	35 mm radial bearing with ring and spacer		PKIT 602	
	40mm radial bearing with ring and spacer		PKIT 600	