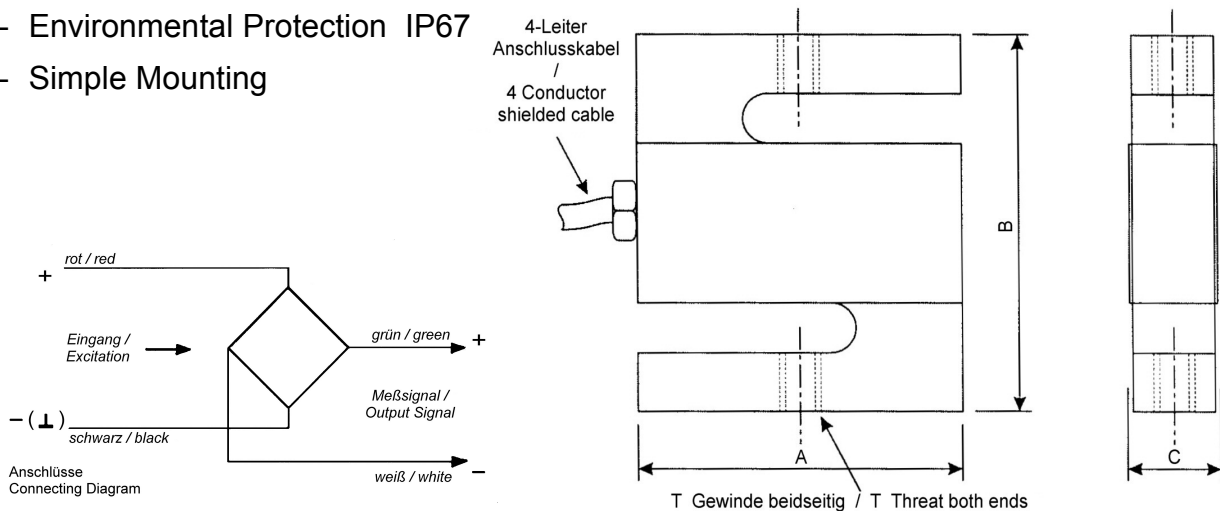


523-e

Load Cell, Type ST-Z

(Weighing Sensor)

- For exact measurements of force and weight (tension and compression)
- Measuring Body made of Nickel Plated Steel
- Temperature Range -10 to +40°C
- Non Linearity $\pm 0.02\%$
- Zero Output Tolerance $\pm 1.5\%$
- Nominal Output at Capacity 2 mV/V $\pm 0.2\%$
- Excitation max. 15V
- Input Resistance $350\Omega \pm 3.5\Omega$
- Output Resistance $350\Omega \pm 3.5\Omega$
- Insulation Resistance $> 5G\Omega$
- Safe Overload 150%
- Mechanical Failure 300%
- Environmental Protection IP67
- Simple Mounting



Type ST-Z Capacity	A [mm]	B [mm]	C [mm]	T [mm]	Cable [m]
25, 50 kg	50.8	76.2	14.5	M8	3
100, 150 kg	50.8	76.2	20.8	M10 x 1.5	3
200, 250, 300, 500, 600, 750 kg	50.8	76.2	20.8	M12 x 1.75	3
1, 1.5 t	50.8	76.2	27.2	M12 x 1.75	6
2, 2.5, 3, 5 t	76.2	101.6	27.2	M20 x 1.5	6
7.5, 10 t	125.0	175.0	50.0	M33 x 3	6
15, 20 t	160.0	200.0	60.0	M42 x 3	6
30 t	190.0	230.0	80.0	M42 x 3	6