

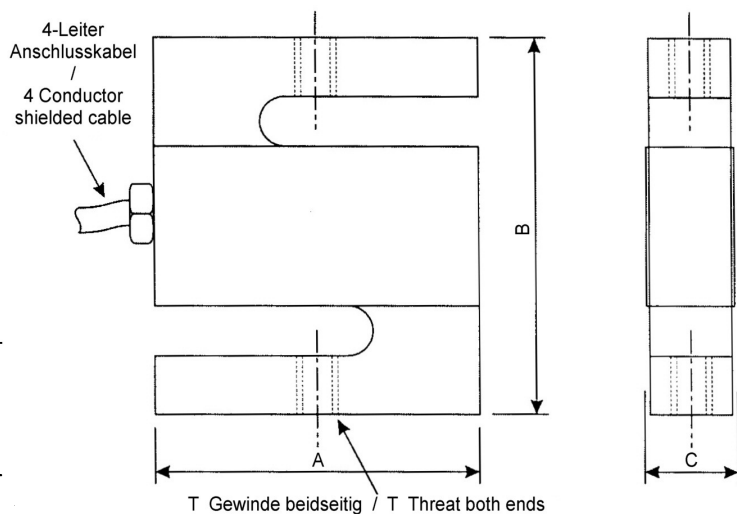
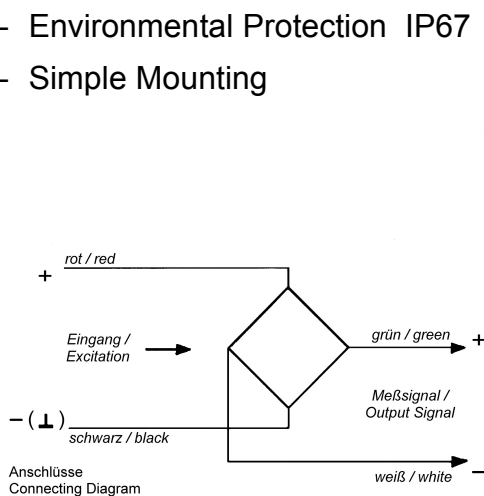


525-e

## Load Cell, Type ST-ZS

(Weighing Sensor)

- For exact measurements of force and weight (tension and compression)
- Measuring Body made of Stainless Steel
- Temperature Range -10 to +40°C
- Non Linearity  $\pm 0.02\%$
- Zero Output Tolerance  $\pm 1.5\%$
- Nominal Output at Capacity 3 mV/V  $\pm 0.3\%$
- Excitation max. 15V
- Input Resistance  $430\Omega \pm 60\Omega$
- 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-ZS Capacity	A [mm]	B [mm]	C [mm]	T [mm]	Cable [m]
50, 100 kg	50.8	60.96	15.06	M8	6
250, 500 kg	50.8	60.96	21.41	M12	6
1 t	50.8	60.96	27.76	M12	6
2.5 t	76.2	99.06	27.76	M20 x 1.5	6
5 t	74.68	99.06	34.12	M20 x 1.5	6
7.5 t	87.38	139.7	40.46	M24 x 2	6
10 t	112.78	177.8	46.31	M30 x 2	6