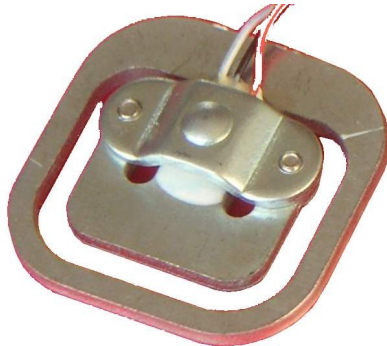


588-e

Miniature Load Cells, Model Series MWZ

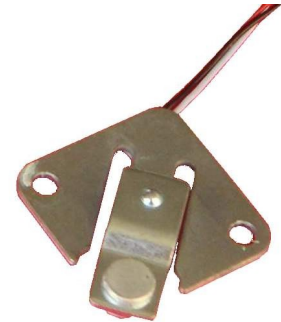
MWZQ / MWZE / MWZ3



MWZQ



MWZE



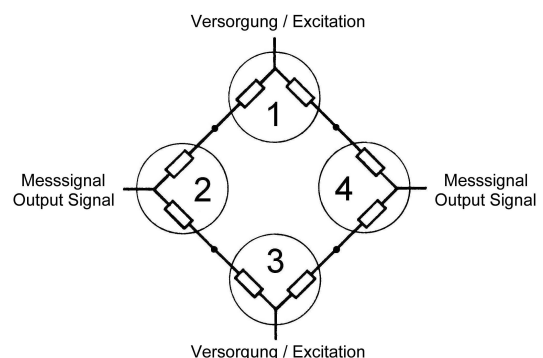
MWZ3

- Extremely low profile
- Suitable for the construction of flat scales or control modules, can also be used in the security technology sector
- Load Cells made of galvanised steel
- Principle of half bridge circuit, 3-wire technology

Type		MWZQ	MWZE	MWZ3
Capacity	[kg]	50	50 / 75	3
Safe Overload	[%]	150	150	150
Nominal Output at Capacity	[mV/V]	1 ± 0.05	1 ± 0.05	1 ± 0.05
Input Resistance	[Ω]	2000	2000	1000
Output Resistance	[Ω]	2000	2000	1000
Insulation Resistance	[MΩ]	2000	2000	2000
Excitation	[V]	3 – 12	3 – 12	3 – 6
Non-Linearity	[%]	0.4	0.4	0.4
Environmental Protection		IP 65	IP 65	IP 65
Dimensions Area/Footprint	[mm]	34 x 34	39 x 26	21.5 x 21.5
Height max.	[mm]	10	10	5.5
Cable Length	[cm]	40	40	28
Weight of Load Cell	[g]	19	19	4

A scale consists of a group of 4 Miniature Load Cells in a half bridge circuit.

The Load Cells within a group are a selected match.



Schaltungsprinzip einer Gruppe / Circuit Diagram of a Group