



www.zemic.nl

Model: **H2F**

## Compression Cell

RoHS

MC

IP67

Ex

### Features

- Capacities: 1t ~ 50t
- High accuracy
- Alloy steel construction
- Low profile and nice exterior

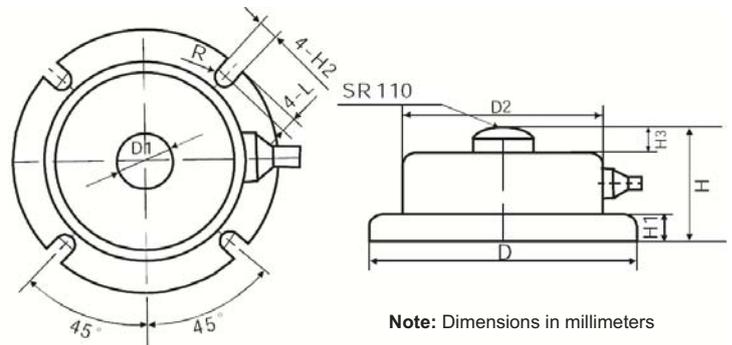


### Specifications

Capacity	t	1 / 2 / 3 / 5 / 10 / 15 / 20 / 30 / 50		
Accuracy Class		C1	C2	C3
Max. Number of Verification Intervals	$n_{max}$	1000	2000	3000
Minimum Loadcell Verification Interval	$V_{min}$	$E_{max}/3000$	$E_{max}/5000$	$E_{max}/7500$
Combined Error	%FS	$\leq \pm 0.050$	$\leq \pm 0.030$	$\leq \pm 0.020$
Creep	%FS/30min	$\leq \pm 0.038$	$\leq \pm 0.023$	$\leq \pm 0.016$
Temperature Effect on Sensitivity	%FS/10°C	$\leq \pm 0.028$	$\leq \pm 0.017$	$\leq \pm 0.011$
Temperature Effect on Zero	%FS/10°C	$\leq \pm 0.047$	$\leq \pm 0.029$	$\leq \pm 0.019$
Output Sensitivity	mv/v	2.0 ± 0.01		
Input Resistance	$\Omega$	770 ± 30		
Output Resistance	$\Omega$	700 ± 7		
Insulation Resistance	M $\Omega$	$\geq 5000(50VDC)$		
Zero Balance	%FS	1.0		
Temperature, Compensated	°C	-10 ~ +40		
Temperature, Allowed	°C	-35 ~ +65		
Excitation, Recommended	v	5 ~ 12(DC)		
Excitation, Max	v	18(DC)		
Safe Overload	%FS	120		
Ultimate Overload	%FS	150		

### Dimension

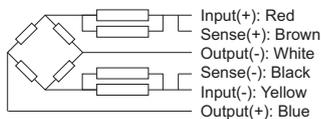
Capacity	D	D1	D2	H	H1	H2	H3	L
1 t	115	22	86	43	12	8.4	5	8
2 t	120	26	90	45	12	8.4	5	8
3 t	128	20	100	46	8	10.4	5	7
5 t	128	20	100	46	8	10.4	5	7
10 t	160	40	120	63	15	10.4	10	10
15 t	194	42	154	68	20	12.4	10	12
20 t	220	44	170	73	22	12.4	10	12
30 t	230	48	188	78	25	12.4	10	12
50 t	264	52	214	90	30	12.4	10	12



Note: Dimensions in millimeters

#### Wiring:

Standard cable length: 3m (1 ~ 3t)  
4m (5 ~ 10t)  
5m (15 ~ 50t)



گروه مهندسين  
عمران و صنايع ايران  
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تلفن: ۸۸۷۸۸۱۶۱ - ۸۸۷۸۸۱۹۷

# Zemic Europe