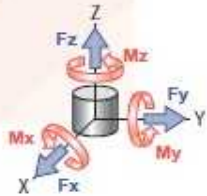


OSC 92OT112 6 - Component Load Cell for Buildings



<Common Specifications>

Model	OSC 92OT112
Rated output	Approx. 0.5mV/V (approx. 1000×10^{-6} strain) for each component force
Non-linearity	$\pm 0.2\%$ FS for each component force
Hysteresis	$\pm 0.2\%$ FS for each component force
Allowed overload	$\pm 150\%$ FS for each component force
Cross talk*	-Between the measured components forces : $\pm 2\%$ FS/FS
Temperature influence on the zero point	$\pm 0.01\%$ FS/ for each component force
Temperature influence on the sensitivity	$\pm 0.05\%$ Reading/ for each component force
Cable connection	NDI connector length = 5m

* For the rated load, allowable load and allowable moment

<Specifications of respective types>

Type	Rated Load (Allowable load/ moment)						Dimensions (mm)														Weight Approx Kg
	(N) Fx	(N) Fy	(N) Fz	(Nm) Mx	(Nm) My	(Nm) Mz	L ₁	L ₂	L ₃	ϕD_1	ϕD_2	ϕD_3	ϕD_4	ϕD_5	ϕD_6	ϕD_7	d1	d2	d3		
-20N	20	20	30	5	5	2	300	165	4	168	130	128	40	25	150	32	4.5	M4	4.5	4.5	
-50N	50	50	80	10	10	5	300	165	4	168	130	128	40	25	150	32	4.5	M4	4.5	4.5	
-100N	100	100	150	50	50	20	320	224	8	178	135	128	78	38	150	65	5.5	M5	5.5	5.5	
-200N	200	200	300	100	100	50	320	224	8	178	135	128	78	38	150	65	5.5	M5	5.5	5.5	

