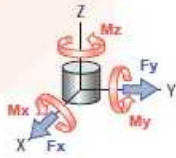


OSC 92OT111 5 - Component Load Cell



<Common Specifications>

Model	OSC 92OT111
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 - By other component forces : $\pm 3\%$ 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)	(N)	(N)	(Nm)	(Nm)	(Nm)	L ₁	L ₂	L _c *	φD ₁	φD ₂	φD ₃	Fitting screw		
	F _x	F _y	F _z	M _x	M _y	M _z							d	h	
-20N	20	20	(200)	10	10	2	95	2	50	88	75	65	M4	10	0.5
-50N	50	50	(400)	20	20	5	95	2	50	88	75	65	M4	10	0.5
-100N	100	100	(600)	40	40	10	95	2	50	88	75	65	M5	10	1
-200N	200	200	(1000)	80	80	20	95	2	50	88	75	85	M5	10	1

* L_c: the position of the moment center is indicated by a reference value.

