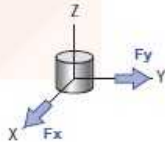


# OSC 92OT104 Two Component Load Cell, Small Type



## <Common Specifications>

Model	OSC 92OT104
Rated output	Approx. 0.5mV/V (approx. $1000 \times 10^{-6}$ 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 component 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	3NDI 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 <sub>1</sub>	L <sub>2</sub>	L <sub>c</sub> *	φD <sub>1</sub>	φD <sub>2</sub>	φD <sub>3</sub>	φD <sub>4</sub>	Fitting screw			
	F <sub>x</sub>	F <sub>y</sub>	F <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>								d	h		
-20N	20	20	(200)	(100)	(100)	(40)	40	2	20	30	23	15	4	M3	8	150	
-50N	50	50	(400)	(200)	(200)	(100)	40	2	20	30	23	15	4	M3	8	150	
-100N	100	100	(600)	(500)	(500)	(200)	45	2	22.5	40	33	24	5	M4	8	500	
-200N	200	200	(1000)	(800)	(800)	(400)	55	2	27.5	45	38	28	6	M5	8	500	

\* L<sub>c</sub>: the position of the moment center is indicated by a reference value.

