

OSC 92OT115 6 - Component Load Cell, Waterproof

(Water pressure compensation)



<Common Specifications>

Model	OSC 92OT115
Rated output	Approx. 0.5mV/V (approx. 1000×10^{-6} strain) for each component force
Non-linearity	$\pm 0.5\%$ FS for each component force
Hysteresis	$\pm 0.5\%$ FS for each component force
Allowed overload	$\pm 150\%$ FS for each component force
Cross talk*	-Between the components 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	Waterproof connector length = 5m
Water pressure compensation	Water depth 0~5m

* 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)		(Nm)		L_1	L_2	ϕD_1	ϕD_2	ϕD_3	ϕD_4	Fitting screw		
	Fx	Fy	Fz	Mx	My	Mz							d	h	
-20NWP	20	20	20	10	10	5	200	12	130	100	110	85	M5	10	2
-50NWP	50	50	50	20	20	10	200	12	130	100	110	85	M5	10	2
-100NWP	100	100	100	40	40	20	200	12	130	100	110	85	M5	10	2
-200NWP	200	200	200	80	80	40	240	15	160	130	135	110	M8	10	25
-500NWP	500	500	500	200	200	100	240	15	160	130	135	110	M8	10	25
-1000NWP	1000	1000	1000	400	400	200	270	20	200	170	150	120	M10	12	25
-2000NWP	2000	2000	2000	800	800	500	330	25	220	190	170	150	M12	15	25

