



Specifications	Technical data
Capacity	50, 100, 200, 500kg, 1t
Rated output *	$1.7 \pm 0.3\text{mV/V} *$
Zero Balance	$\pm 0.1\text{mV/V}$
Creep (30min)	$\leq 0.1\% \text{F. S.}$
Non-linearity	$\leq 0.1\% \text{F. S.}$
Hysteresis	$\leq 0.1\% \text{F. S.}$
Repeatability	$\leq 0.1\% \text{F. S.}$
Input impedance	$780 \pm 20 \Omega$
Output impedance	$700 \pm 10 \Omega$
Temp. effect on output	$0.05\% \text{F. S.} / 10^\circ \text{C}$
Temp. effect on zero	$0.05\% \text{F. S.} / 10^\circ \text{C}$
Insulation resistance	$\geq 5000\text{M} \Omega / 100\text{V (DC)}$
Recommended excitation	5~15V
Maximum excitation	15V
Compensated Temp Range	$-10 \sim 40^\circ \text{C}$
Operating Temp Range	$-20 \sim 70^\circ \text{C}$
Safe overload	150%F. S.
Ingress protection rating	IP65
Cable size	$\phi 6 \times 5000\text{mm}$

* The exact value is indicated on the factory calibration report.

sensor:	force sensor
type:	SWW-209
doc.: Data Sheet www.ometrys.com	