



Specifications	Technical data
Capacity	1t, 2t
Rated output *	$1.6 \pm 0.4\text{mV/V}^*$
Zero Balance	$\pm 0.1\text{mV/V}$
Creep (30min)	$\leq 0.2\% \text{F. S.}$
Non-linearity	$\leq 0.3\% \text{F. S.}$
Hysteresis	$\leq 0.2\% \text{F. S.}$
Repeatability	$\leq 0.2\% \text{F. S.}$
Input impedance	$700 \pm 5 \Omega$
Output impedance	$700 \pm 5 \Omega$
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	20V
Compensated Temp Range	$-10 \sim 60^\circ\text{C}$
Operating Temp Range	$-20 \sim 70^\circ\text{C}$
Safe overload	150%F. S.
Ingress protection rating	IP65
Cable size	$\varnothing 3 \times 3000\text{mm}$
Weight	0.2kg
Material	Stainless steel

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

sensor:	force sensor
type:	SWF-139
doc.: Data Sheet www.ometrys.com	