

247ASLH

Datasheet_247ASLH_V1

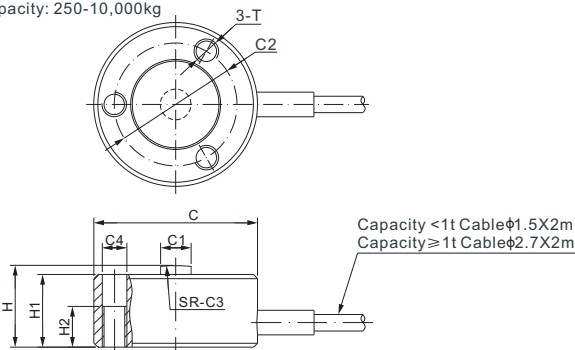
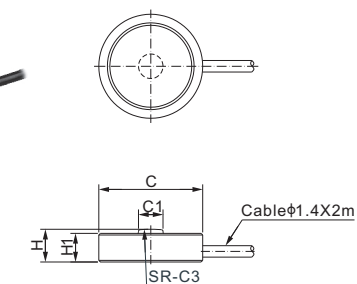
Stainless Steel



CE RoHS

Capacity: 10-100kg

Capacity: 250-10,000kg



DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	C4	H	H1	H2	T
kg/mm									
10	9.7	2.3	-	12.7	-	3.6	3.2	-	-
25-100	12.7	3.0	-	19.1	-	4.5	4.0	-	-
250-500	20.0	3.8	15.0	15.0	3.0	10.0	8.9	5.0	M3
1,000-2,000	37.6	10.9	31.8	76.2	3.5	16.0	14.0	6.4	#6-32 UNC-2B
5,000-10,000	50.3	15.2	41.4	200	-	25.4	22.4	-	#6-32 UNC-2B Depth 6.4
lb/inches (conversion of above dimensions)									
22.05	0.38	0.09	-	0.50	-	0.14	0.13	-	-
55.12-220.46	0.50	0.12	-	0.75	-	0.18	0.16	-	-
551.16-1,102.31	0.79	0.15	0.59	0.59	0.12	0.39	0.35	0.20	M3
2,204.62-4,409.25	1.48	0.43	1.25	3.00	0.14	0.63	0.55	0.25	#6-32 UNC-2B
11,023.11-22,046.23	1.98	0.60	1.63	7.87	-	1.00	0.88	-	#6-32 UNC-2B Depth 0.25

SPECIFICATIONS

Full Scale Output	Cap. ≤ 10kg: 1.0 mV/V ± 20%; Cap. > 10kg: 2.0 mV/V ± 20%	Recommended Excitation	Cap. ≤ 10kg: 5V (7V Maximum) Cap. > 10kg: 10V (15V Maximum)
Zero Balance	Cap. ≤ 10kg: ± 0.03 mV/V Cap. > 10kg: ± 0.04 mV/V	Insulation Resistance	> 2 [50V DC] GΩ
Non-linearity	< ± 0.5%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Repeatability	< ± 0.5%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.5%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.5%	Seal Type / IP Rating	Environmentally Sealed / IP66
Input Resistance	Cap. ≤ 500kg: 375Ω ± 25; Cap. > 500kg: 700Ω ± 25	Cable Color Code	Cap. ≤ 500kg: Exc+ Red Exc- Black Sig+ Green Sig- Yellow Shield Bare Cap. > 500kg: Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	Cap. ≤ 500kg: 350Ω ± 3; Cap. > 500kg: 700Ω ± 3		
Element Material	17-4PH Stainless Steel		

PART NUMBER

Rated Capacity	Part No.	Weight (kg) Approx.
10kg.....	247ASLH-10kg.....	0.09
25kg.....	247ASLH-25kg.....	0.09
30kg.....	247ASLH-30kg.....	0.09
50kg.....	247ASLH-50kg.....	0.09
100kg.....	247ASLH-100kg.....	0.09
250kg.....	247ASLH-250kg.....	0.11
500kg.....	247ASLH-500kg.....	0.11
1t.....	247ASLH-1t.....	0.19
2t.....	247ASLH-2t.....	0.19
5t.....	247ASLH-5t.....	0.42
10t.....	247ASLH-10.....	0.42

APPLICATION EXAMPLES

