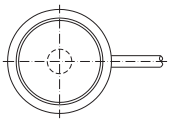
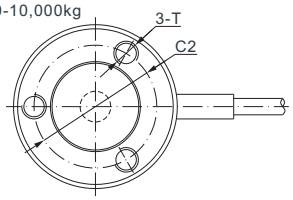
247ASLH;247ASLHUN

Stainless Steel

Capacity: 10-100kg

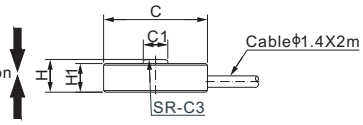


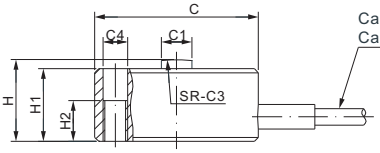
Capacity: 250-10,000kg



CE ATEX FM APPROVED IECEx RoHS

Compression





DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	C4	H	H1	H2	T
247ASLH: 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	M3
5,000–10,000	50.3	15.2	41.4	200	–	25.4	22.4	–	M4
247ASLHUN: kg/mm									
250–500	20.0	3.8	15.0	15.0	3.0	10.0	8.9	5.0	#6–32 UNC–2B
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

SPECIFICATIONS

Full Scale Output	Cap.≤10kg: ≥0.8 mV/V; 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
		Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Non-linearity	< ± 0.5%	**Safe Overload**	150% of full scale
Repeatability	< ± 0.5%	**Breaking Overload**	300% of full scale
Hysteresis Error	< ± 0.5%	**Seal Type / IP Rating**	Environmentally Sealed / IP66
Creep in 30 min.	< ± 0.5%	**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
Input Resistance	Cap.≤500kg: 375Ω ± 25; Cap.>500kg: 700Ω ± 25		
Output Resistance	Cap.≤500kg: 350Ω ± 3; Cap.>500kg: 700Ω ± 3		
Element Material	17-4PH Stainless Steel		

PART NUMBER*

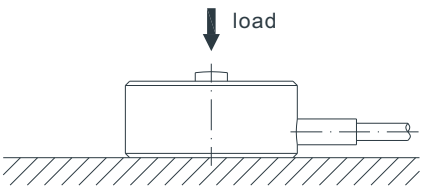
Rated Capacity	Part No.	Weight (kg) Approx.
10-100kg, No thread		
10kg	247ASLH-10kg	0.09
25kg	247ASLH-25kg	0.09
50kg	247ASLH-50kg	0.09
100kg	247ASLH-100kg	0.09
250kg to 2t, Metric thread		
250kg	247ASLH-250kg	0.11
500kg	247ASLH-500kg	0.11
1t	247ASLH-1t	0.19
2t	247ASLH-2t	0.19
5t	247ASLH-5t	0.42
10t	247ASLH-10t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

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

PART NUMBER*

Rated Capacity	Part No.	Weight (kg) Approx.
250kg to 2t, Imperial thread		
250kg	247ASLHUN-250kg	0.11
500kg	247ASLHUN-500kg	0.11
1t	247ASLHUN-1t	0.19
2t	247ASLHUN-2t	0.19
5t	247ASLHUN-5t	0.42
10t	247ASLHUN-10t	0.42

APPLICATION EXAMPLES



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