

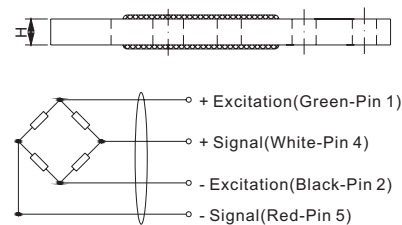
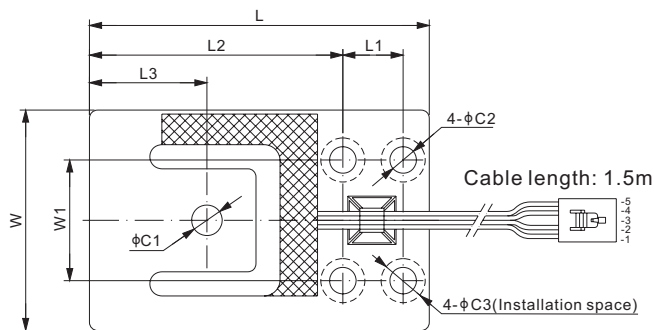
Datasheet 202UA

Aluminum



Features:

- Low Profile-Provides ability for scales of roughly 25mm height, in various rectangular shapes / sizes
- Current Calibrated: No J-Box w/Trim Pot required
Direct corner replacement w/o need for re-calibration
- Rated output of $0.9\text{mV/V} \pm 0.1\%$: Pre-derated for ease of planar beam selection for scale capacity
EX: For a 60kg scale capacity-simply use 4x202UA-15kg's
Enables full weight capacity to roll up on scale edge w/o fear of overload



Optional: with a 4 conductor ribbon cable and Female connector: 104257-4 + Crimp: 1-104481-0 (interchange with AMP#103957-4). Part number needs to add suffix -02 for this option.

DIMENSIONS

RATED CAPACITY	C1	C2	C3	H	L	L1	L2	L3	W	W1
202UA										
kg/mm										
3.75	5.1	5.1	9.0	2.0	70.0	14.0	51.1	23.1	39.0	27.8
7.5	5.1	5.1	9.0	3.0	70.0	14.0	51.1	23.1	39.0	27.8
15	7.6	5.1	9.0	4.1	70.0	14.0	51.1	23.1	39.0	27.8
37.5	7.6	6.6	10.5	4.8	76.2	15.0	55.2	25.9	44.5	30.0
75	7.6	6.6	13.0	6.5	84.5	15.0	63.0	29.2	54.8	30.0
150	9.1	8.1	16.0	7.9	107.3	22.9	76.6	30.7	69.9	44.5
375	9.1	9.8	21.0	12.7	119.4	25.4	84.9	32.3	76.1	50.8
202UA-25A										
kg/mm										
3.75	5.1	5.1	11.0	2.0	70.0	14.0	51.1	23.1	39.0	27.8
7.5	5.1	5.1	11.0	3.0	70.0	14.0	51.1	23.1	39.0	27.8
15	7.6	5.1	11.0	4.1	70.0	14.0	51.1	23.1	39.0	27.8
37.5	7.6	6.6	13.0	4.8	76.2	15.0	55.2	25.9	44.5	30.0

SPECIFICATIONS

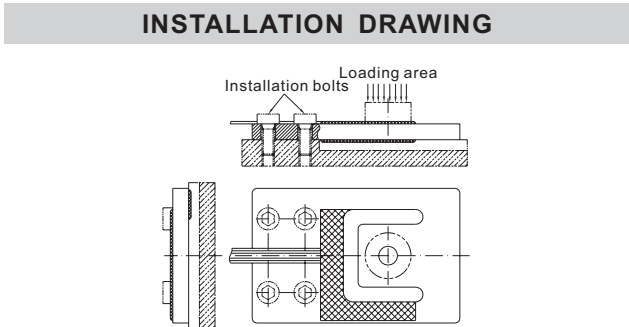
Full Scale Output	$0.9\text{mV/V} \pm 0.1\%$	Element Material	Aluminum, Clear Anodized
Calibration in mV/V/Ω	$\pm 0.05\%$	Recommended Excitation	10V (15V Maximum)
Zero Balance	$\pm 0.02\text{mV/V}$	Insulation Resistance	$>2 [50\text{V DC}] \text{ G}\Omega$
Non-linearity	$< \pm 0.020\%$	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Repeatability	$< \pm 0.017\%$	Safe Overload	150% of full scale
Hysteresis Error	$< \pm 0.015\%$	Breaking Overload	300% of full scale
Creep in 30 min.	$< \pm 0.015\%$	Seal Type / IP Rating	Environmentally Sealed / IP65
Input Resistance	$1190\Omega \pm 10$	Cable Color Code	Exc+ Green Exc- Black
Output Resistance	$1000\Omega \pm 10$		Sig+ White Sig- Red

PART NUMBER*			
202UA			
Rated Capacity	Free end cable	With ribbon cable & connector	Weight (kg) Approx.
3.75kg.....	202UA-3.75kg.....	202UA-3.75kg-02.....	0.1
7.5kg.....	202UA-7.5kg.....	202UA-7.5kg-02.....	0.1
15kg.....	202UA-15kg.....	202UA-15kg-02.....	0.1
37.5kg.....	202UA-37.5kg.....	202UA-37.5kg-02.....	0.1
75kg.....	202UA-75kg.....	202UA-75kg-02.....	0.1
150kg.....	202UA-150kg.....	202UA-150kg-02.....	0.2
375kg.....	202UA-375kg.....	202UA-375kg-02.....	0.4

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

INTERCHANGEABLE PRODUCTS	
Manufacturer	Model
Flintec.....	PB
Rice lake.....	RL BLP**
**C1 of RL BLP is of 1/2-20 UNC	

PART NUMBER*			
202UA-25			
Rated Capacity	Free end cable	With ribbon cable & connector	Weight (kg) Approx.
3.75kg.....	202UA-3.75kg-25A.....	202UA-3.75kg-25A-02.....	0.1
7.5kg.....	202UA-7.5kg-25A.....	202UA-7.5kg-25A-02.....	0.1
15kg.....	202UA-15kg-25A.....	202UA-15kg-25A-02.....	0.1
37.5kg.....	202UA-37.5kg-25A.....	202UA-37.5kg-25A-02.....	0.1



-  30kg-375kg: NTEP 1:3 000 Class III, Single Cell or Multiple Cell
-  75kg-375kg: OIML MAA C3, Y=28 000
- For further available P/N's & specifications per NTEP/OIML classes, please contact us.