

# LPD Series Center Tapped/Threaded

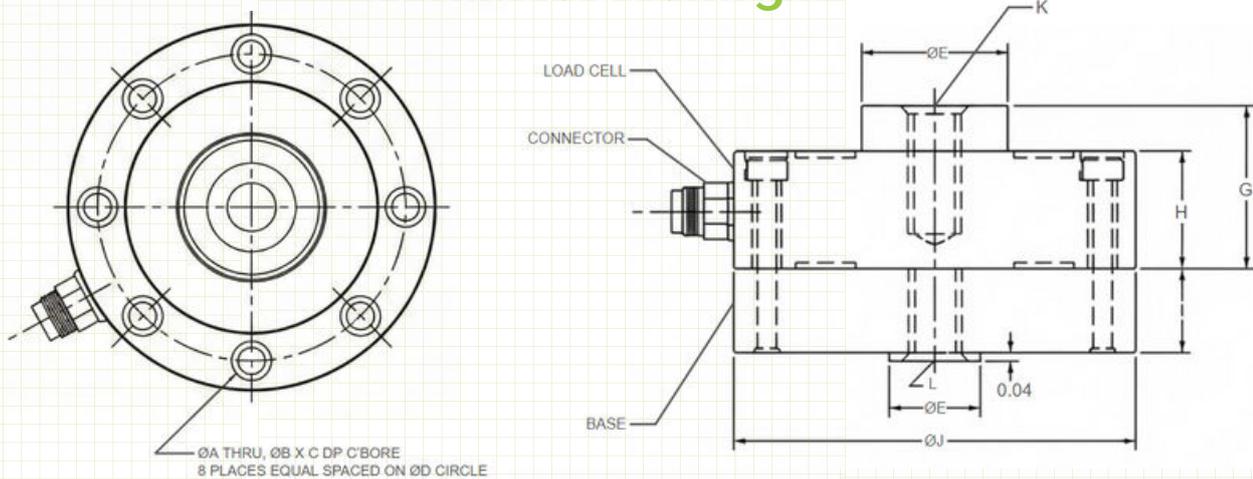
The AmCells LPD Series is a low profile load cell with a base, using high grade alloy steel. This product meets OIML HB44 Class III Standards.  
Ordering Code: LPD-(Capacity)



## Specifications:

Capacities	5K, 10K, 25K, 50K, 100K, 200K lb	Input Impedance	385±30 Ohm
Rated Output (R.O.)	4.0 mV/V±0.25%	Output Impedance	350±4 Ohm
Zero Balance	±2% of R.O.	Safe Overload	150% F.S.
Non-Linearity	0.03% of R.O.	Ultimate Overload	300% F.S.
Hysteresis	0.02% of R.O.	Compensated Temp. Range	-10°C to 40°C
Non-Repeatability	0.05% of R.O.	Operating Temp. Range	-40°C to 80°C
Creep (1 Hour)	0.02% of Load	Recommended Excitation	10V DC/AC
Insulation Resistance	> 5,000M Ohm	Maximum Excitation	20V DC/AC

## Technical Drawings:



Capacity	A	B	C	D	E	F	G	H	I	J	K
200K	0.630	0.900	0.67	6.75	3.20	3.25	3.00	2.50	8.25	2.00 - 12X2.5	2.00-12
100K	0.406	0.626	0.40	4.60	2.00	2.25	2.00	1.14	5.50	1.25 - 12X1.5	1.25-12
25K/50K	0.343	0.508	0.40	4.00	1.60	2.12	1.87	0.94	4.75	¾ - 16X1.25	¾ - 16
5K/10K	0.283	0.406	0.30	3.50	1.30	1.75	1.25	0.75	4.12	½ - 20X1.00	½ - 20

### Color Code:

Red+Excitation, Green+Signal  
Black-Excitation, White-Signal

### Cable Length:

20 Feet

# LPD Series Center Ball/Cupped

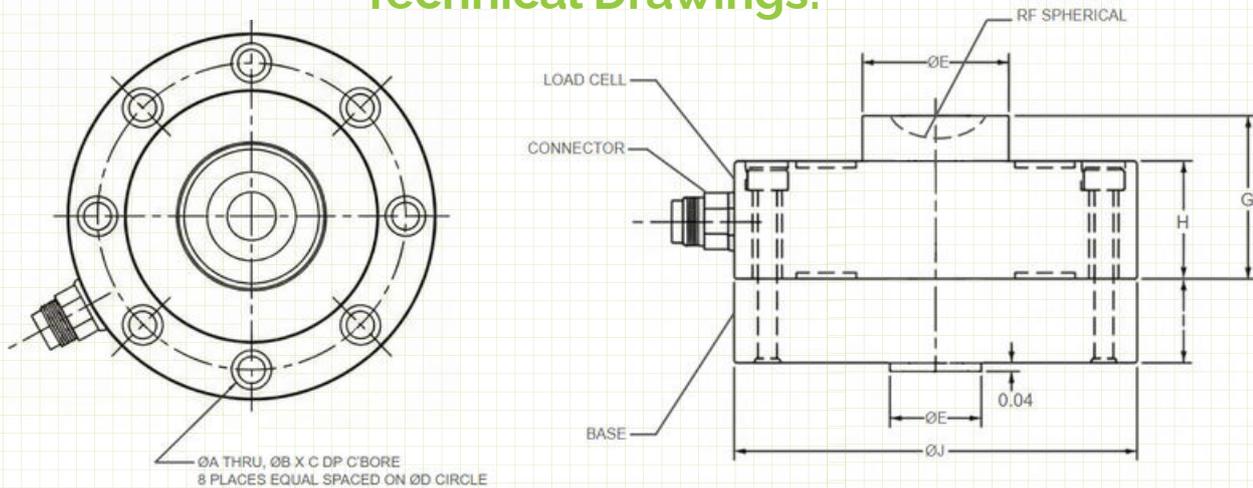
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Ordering Code: LPD-(Capacity)



## Specifications:

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Non-Repeatability	0.05% of R.O.	Operating Temp. Range	-40°C to 80°C
Creep (1 Hour)	0.02% of Load	Recommended Excitation	10V DC/AC
Insulation Resistance	> 5,000M Ohm	Maximum Excitation	20V DC/AC

## Technical Drawings:



Capacity	A	B	C	D	E	F	G	H	I	J
100K	0.406	0.626	0.46	4.60	2.00	0.875	2.25	2.00	1.14	5.50
25K/50K	0.343	0.508	0.40	4.00	1.60	0.875	2.12	1.87	0.94	4.75
5K/10K	0.283	0.406	0.30	3.50	1.30	0.625	1.75	1.25	0.75	4.12

**Color Code:**

Red+Excitation, Green+Signal  
Black-Excitation, White-Signal

**Cable Length:**

20 Feet