

# MDB

Alloy Steel, Environmentally Sealed, IP67



## APPROVALS



## Specifications

- Full Scale Output:**  
2 mV/V
- Output Resistance:**  
700 (± 5) ohm
- Input Resistance:**  
770 (± 10) ohm
- Material/Finish:**  
High alloy steel, nickel plated
- Temperature:**  
Operating range  
0°F to 150°F (-18°C to 65°C)
- Seal Type:**  
Environmentally sealed, IP67
- Safe Overload:**  
50% full scale
- Rated Excitation:**  
5-10 VDC (15 VDC max)
- Nonlinearity:**  
0.030% full scale
- Hysteresis:**  
0.030% full scale
- Insulation Resistance:**  
5,000 megohms
- Cable Length:**  
13.5 m (44.3 ft)
- Cable Color Code:**  
Red +Excitation  
Black -Excitation  
Green +Signal  
White -Signal
- Warranty:**  
One-year limited warranty
- Approvals:**  
cFMus

## Dimensions

Picture is a representation of actual product

Rated Capacity	L	L1	L2	H	H1	H2	Ø	Ø1	W	W1	T1
<b>t/mm</b>											
10-30	240.00	125.00	80.00	230.00	11.00	20.00	88.00	30.00	135.00	100.00	2-M24
40-50	340.00	160.00	124.00	261.00	11.00	20.00	98.00	40.00	160.00	124.00	2-M24
<b>kg/in</b>											
9,071.8-27,215.5	9.45	4.92	3.15	8.85	0.43	0.79	3.46	1.18	5.31	3.94	4-M24
36,287.4-45,359.2	13.38	6.30	4.88	10.28	0.43	0.79	3.86	1.57	6.30	4.88	4-M24

## Order Information

Load Rating		Part#	Est. Weight	Price
10t	9,071.8 kg	169240	49 lb	Consult
20t	18,143.7 kg	169241	49 lb	Consult
25t	22,679.6 kg	169242	49 lb	Consult
30t	27,215.5 kg	169243	49 lb	Consult
40t	36,287.4 kg	169244	60 lb	Consult
50t	45,359.2 kg	169245	60 lb	Consult

All capacities include cup and ball

