DBM14Kd

FEATURES

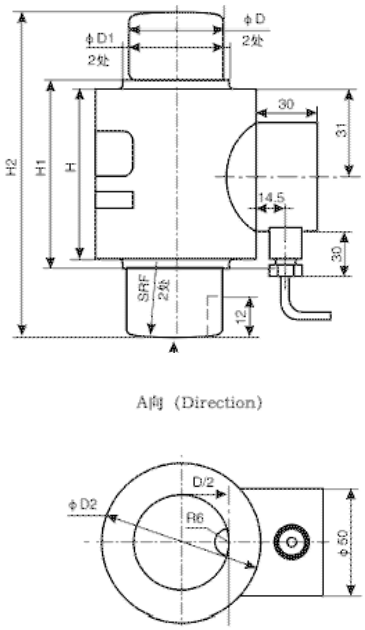
- Digital signal output (RS-485/4-wire)
- Nominal load 10t-100t
- Dual rocker column structure
- Easy to install
- Stainless steel
- Fully sealed welding
- Accuracy class C3 according OIML R60 regulation (not OIML certified)
- Large voltage protection



SPECIFICATION		
Capacity	t	10,15,20,30,40,50,60,100
Accurary class		C3
Maximum number of load cell intervals	nmax	3000
Minimum number of load cell intervals	vmin	Emax/7500
Rated output	Counts	1000000
Combined error	%FS	≤±0.020
Measurement rate	Hz	112,56,28,14,7,3
Creep	(%FS/30min)	≤±0.016
Temperature effect on sensitivity	(%FS/10℃)	≤±0.011
Temperature efftect on zero	(%FS/10℃)	≤±0.019
Excitation voltage	V DC	6~15
Communication interface		RS 485/4
Number of bus addresses		Maxmum 32
Communication baud rate	Bps	19200
Maximum communication distance	m	1200
Compensated temperature	(℃)	-10~+40
Operating temperature	(℃)	-10~+50
Safe overload	(%FS)	150
Ultimate overload	(%FS)	300
Level of protection		IP68
Cable length	m	20 (40,50,60,100t); 2 (10,15,20,30t)
Cable specification		Ductor shielded cable, ϕ5mm

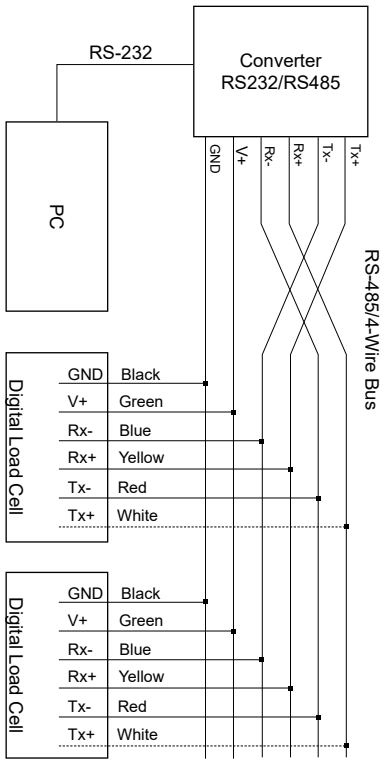
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DIMENSIONS MM (INCH)



Capacity(t)	10-15	20	30	40	50-60	100
D	44 (1.73)					64 (2.52)
D1	49 (1.93)					68 (2.66)
D2	74 (2.91)					93 (3.66)
H	80 (3.15)	92 (3.62)				121 (4.71)
H1	88 (3.46)	100 (3.94)				128 (5.04)
H2	130 (5.12)	150 (5.91)			210 (8.27)	260 (10.24)
SRF	200 (7.87)				300 (11.81)	400 (15.75)

WIRING



Green: V+

Black: GND

White: Tx+

Red: Tx-

Yellow: Rx+

Blue: Rx-

Transparent: Shield