

DBM14Kd

FEATURES

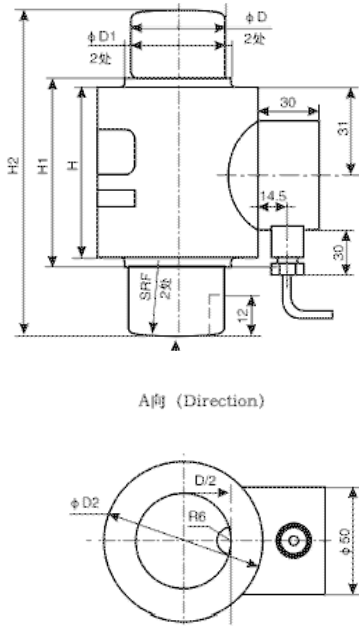
- Digital signal output (RS-485/4-wire)
- Nominal load 10t-100t
- Dual rocker column structure
- Easy to install
- Stainless steel
- Fully sealed welding
- Accuracy based on OIML R60 C3
- Large voltage protection



SPECIFICATION

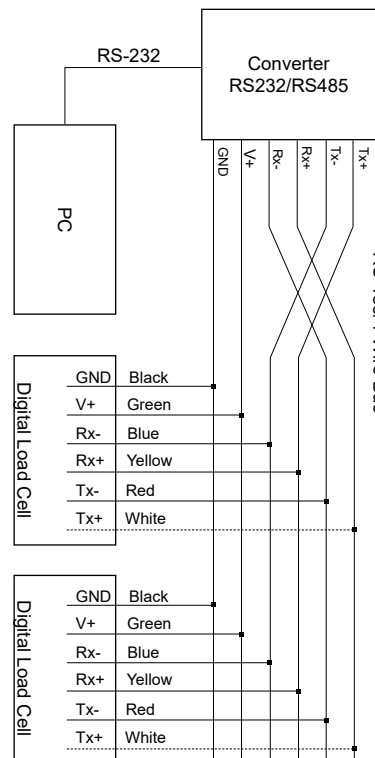
Capacity	t	10,15,20,30,40,50,60,100
Accuracy class		C3
Maximum number of load cell intervals	nmax	3000
Minimum number of load cell intervals	vmin	Emax/7500
Rated output	Counts	1000000
Combined error	%FS	≤ ±0.020
Measurement rate	Hz	112,56,28,14,7,3
Creep	(%FS/30min)	≤ ±0.016
Temperature effect on sensitivity	(%FS/10℃)	≤ ±0.011
Temperature effect on zero	(%FS/10℃)	≤ ±0.019
Excitation voltage	V DC	6~15
Communication interface		RS 485/4
Number of bus addresses		Maximum 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

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