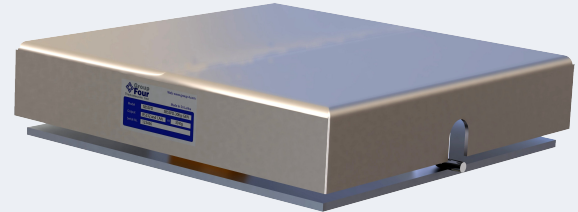


The SBSSPD digital scale ideal for use in industrial weighing, process weighing, check weighing.



FEATURES

- Capacities 6, 15 & 30kg
- MOC: Aluminum
- Top Plate: Stainless Steel
- Platform Size 8.31in x 8.31in
- In built overload protection
- A to D conversion rate 1200 update/second
- Direct Digital Output for PLC and other electronics

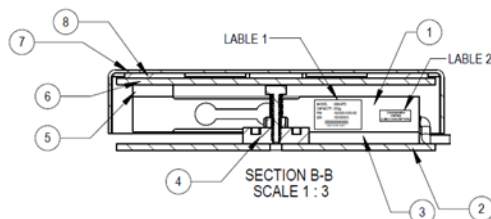
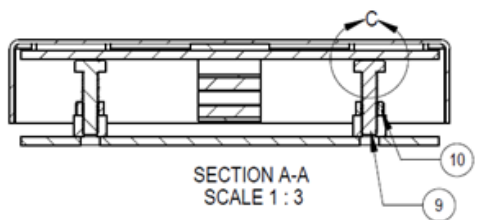
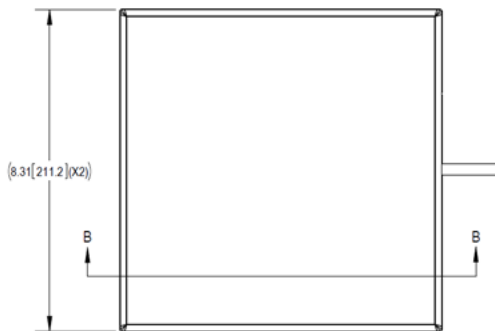
APPLICATIONS

- Industrial weighing
- Bench scales
- Process weighing
- Check weighing

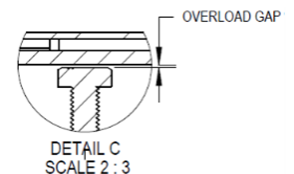
OPTIONS

- RS 232 & CAN open
- RS 485 & RS422

DIMENSIONS



ITEM NO	DESCRIPTION	MATERIAL	QTY
1	SBSSPD-XXkg LOAD CELL (DWG #208996)	ALUMINIUM	1
2	BOTTOM PLATE	ALUMINIUM	1
3	BOTTOM SPACER	ALUMINIUM	1
4	OVERLOAD STOPPER BASE	SS	2
5	TOP SPACER	ALUMINIUM	1
6	TOP PLATE	ALUMINIUM	1
7	TOP PLATE	SS	1
8	BLUE VINYL PAD	RUBBER	5
9	M8X1.25 BOLT (OVERLOAD STOPPER)	SS	2
10	M8X1.25 NUT (CHECK NUT)	SS	2



SPECIFICATIONS

Model	SBSSPD			
Capacities (Emax)	Kg	6	15	30
PERFORMANCES				
Accuracy class		C3		
Combined error	%FS	≤±0.017		
Creep @ 30 min	%FS	≤±0.017		
Zero balance, raw counts	increments	±2000		
Output resolution at full load, raw counts	increments	512000	256000	512000
Internal AD conversion rate	upd/sec	1200		
Fix digital Low pass IIR filter, default	Hz	18(Suppress 50Hz and 60Hz influence)		
Adjustable, digital Low pass IIR filter	Hz	18-0.25; Selectable in 8 steps		
Adjustable, digital Low pass FIR filter	Hz	40-5; Selectable in 8 steps		
Adjustable, external output update rate	upd/sec	1200-9; Selectable in 8 steps		
GENERAL I/O's				
Hardware interface, CAN version		CAN and RS232		
Hardware interface, RS version		RS485 and RS422 (Both four wire)		
Data transmission rate CAN	Kb	125;250;500;1000		
Data transmission rates RS485/RS422/RS232 kb	Kb	9.6;19.2;38.4;57.6;115.2;230.4;460.8		
Protocol CAN		CANopen		
Protocol RS485/RS422/RS232		ASCII or Modbus RTU		
Power supply		VDC +10 -+30≤ 0.4 Watt		
INFLUENCES				
Safe load limit	%FS	150		
Ultimate load	%FS	300		
Maximum Platform Size	In	13.78 x 13.78		
Maximum Off-center distance	In	4.872		
Eccentric loading error acc. to OIML R76	%FS	0.025		
Temperature effect on zero	%FS/ °C	0.01		
Temperature effect on span	%FS/ °C	0.01		
Temperature range	°C	Operating: -10/+40		
EMC performance		MID Class E2(Industrial locations)		
I/O protection, all pins		Reversed polarity; Excess voltage and surge		
Isolation body/Electronics at 500VDC	GΩ	≥1		
Vibration		2.5G operational; 5G non-operational		
Environmental protection per IEC 529		IP67		
Corrosion resistance		ALUMINUM		

WIRING

PIN NUMBER	RS-232/CAN	RS-485/RS422
1	GND1	GND1
2	PROGRAM	PROGRAM
3	CANH	Rx+
4	TRIGGER INPUT	TRIGGER INPUT
5	CANL	Rx-
6	RxD	Tx-
7	TxD	Tx+
8	PWR+	PWR+

M8, A CODING 8PIN MALE
CONNECTOR PIN CONFIGURATION



PART NUMBERS

SBSSPD PART NUMBERS						
OPTION	GEN			A		
TABLE DESCRIPTION	RS-232/CAN			RS-485/RS-432		
CAPACITY(KG)	6	15	30	6	15	30
G4 P/N	SBSSPD-6KG-GEN	SBSSPD-15KG-GEN	SBSSPD-30KG-GEN	SBSSPD-6KG-A	SBSSPD-15KG-A	SBSSPD-30KG-A