



Series FSBT5

Flameproof type
Shear Beam Load Cell (500kg ~ 5t)

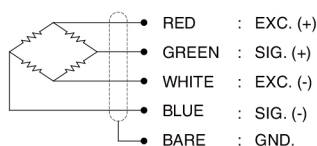


- KGS Approved (Ex d IIB T4)
- 17-4PH stainless steel construction
- high accuracy

ORDERING INFORMATION

FSBT5M - 2T	
TYPE	CAPACITY
FSBT5M	500kg, 1, 2ton
FSBT5L	3, 5ton

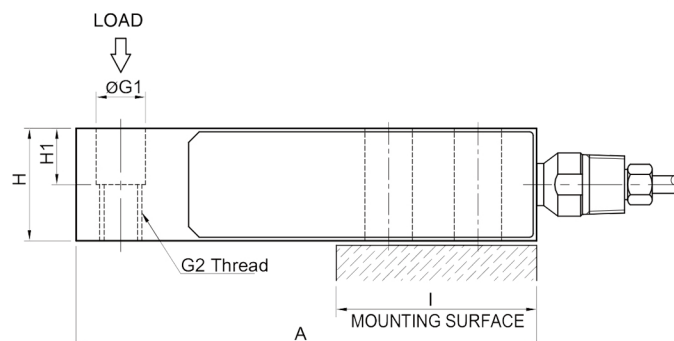
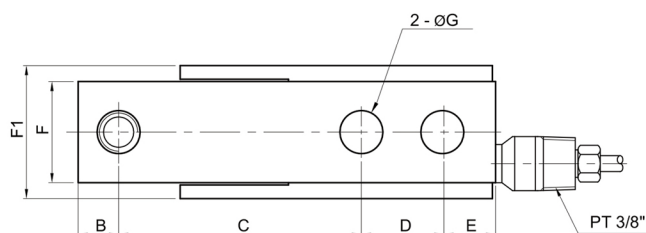
WIRING INFORMATION



FLAMEPROOF
Ex d IIB T4 / KGS

SPECIFICATIONS

TYPE	FSBT5M	FSBT5L
Rated capacity (R.C.)	500kg, 1, 2t	3, 5t
Rated output(R.O.)	2.0 ± 0.005 mV/V	
Non-linearity	≤ 0.03% R.O.	
Hysteresis	≤ 0.03% R.O.	
Non-repeatability	≤ 0.02% R.O.	
Creep error	≤ 0.03% in 20min.	
Zero balance	≤ 1% R.O.	
Compensated temperature range	-10 ~ 70°C	
Operating temperature range	-20 ~ 80°C	
Temp. effect on rated output	≤ 0.02% LOAD/10°C	
Temp. effect on zero balance	≤ 0.02% R.O./10°C	
Terminal input resistance	400 Ohms ± 20 Ohms	
Terminal output resistance	350 Ohms ± 5 Ohms	
Insulation resistance (Min.)	2000 MOhms at 50V DC	
Excitation voltage	10V(Recommended), 15V(Max.)	
Electrical connection (22AWG x 4Core Shielded)	Ø5mmx3m	Ø5mmx6m
Protection class	IP 67	
Safe overload	150% R.C	
Ultimate overload	300% R.C	



Dimension-mm

Capacity	A	B	C	D	E	F	F1	G	G1	G2	H	H1	I	Weight(kg)
500kg ~ 2t (4.903~19.61kN)	131	12.7	76.2	25.4	16.7	32	42	13.5	13.5	M12x1.75P	32	16	56	1.2
3, 5t (29.42, 49.03kN)	171.5	19	95.3	38.1	19.1	38.1	50	20.5	20.5	M20x2.5P	38	19	76.2	2.2

* Specifications are subject to change without notice

WZO CONTROLS LTD