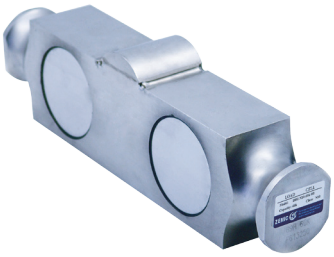
B9H



- Stainless steel construction, dual shear beam structure, adhesive sealed, compression loading available.
- Ingress protection (according to EN 60529): IP67
- Suitable for electronic truck scales, hopper scales, track scales and other electronic weighing devices.

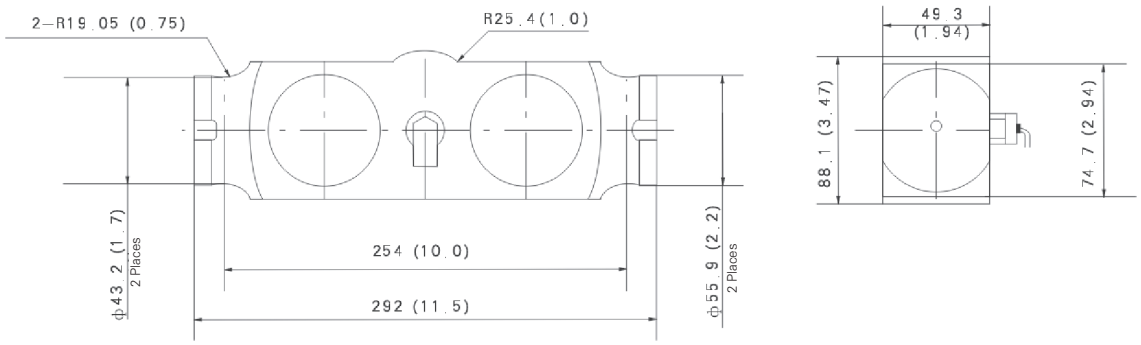
Available models

Capacity	Accuracy	Full article description
xxklb	C3	B9H–C3–xxK–9B

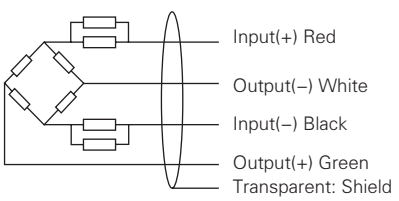
Specification

Maximum capacity (E_{max})	klb	50/60/75/100		
Accuracy class		C3		
Maximum number of load cell intervals (nLC)		3000		
Ratio of minimum LC verification interval Y = E_{max} / v_{min}		10000		
Combined error	%FS	± 0.020		
Creep	%FS/30min	± 0.016		
Temperature effect on sensitivity	%FS/10℃	± 0.011		
Temperature effect on zero	%FS/10℃	± 0.015		
Output sensitivity (= FS)	mV/V	3.0 ± 0.003		
Input resistance	Ω	700 ± 7		
Output resistance	Ω	703 ± 4		
Insulation resistance	MΩ	⩾ 5000(50VDC)		
Zero balance	%FS	± 1.0		
Compensated temperature	℃	–10~+40		
Operating temperature	℃	–35~+65		
Excitation, recommended voltage	V	5~12(DC)		
Excitation maximum	V	18(DC)		
Safe overload	%FS	150		
Ultimate overload	%FS	300		
ATEX classification (optional)		II1G Ex ia IIC T4	II1D Ex iaD20 T73℃	II3G Ex nL II C T4

Dimensions in mm



Wiring



- Adopt shielded, 4 conductor cable: Φ5mm
- Standard cable length: 9m.