

LOAD CELL BR016 / BR016L

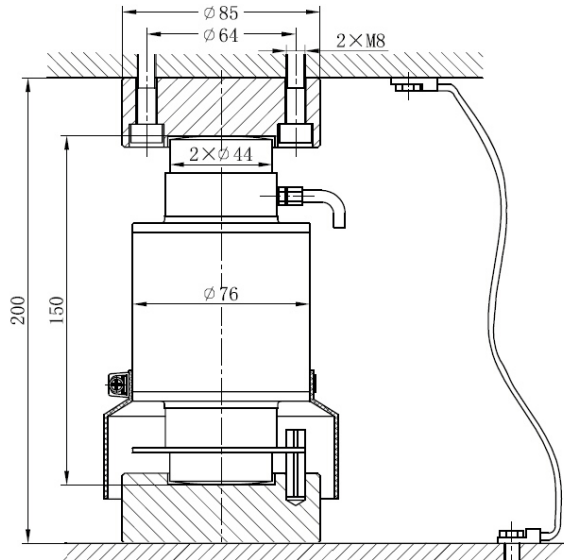
Type BR016 is a high performance fully-welded construction compression type loadcell. It has a perfect fit for use in especially high capacities weighing systems such as wheel scale, floor scale, tank scales ship weighing and other applications industrial environments.



Key features;

- Capacities; 10 ~ 50 tons
- Stel construction
- OIML Approved
- Protection IP68

Dimensions (mm);



Cable Color Codes

+ Excitation	Blue
- Excitation	Black
+ Signal	White
- Signal	Red
Shield	Yellow

Technical specifications;

Type			BR 016	BR 016L
Accuracy class (OIML R60)			C3	
Output sensitivity	RO	mV/V	2.0 ± 0.002	
Maximum capacity	E _{max}	Kg	10 / 15 / 20 / 25 / 30 / 40 / 50	
Max. Number of load cell intervals	n _{LC}		3000	
Min. Load cell verification interval	v _{min}		E _{max} / 10000	
Combined Error		% E _{max}	0.0200	
Safe load limit / Over load limit		% E _{max}	150 / 300	
Zero balance		% RO	< ± 1.0	
Excitation ,recomended		V	10 - 12	
Excitation , maximum		V	15	
Input resistance		Ω	700 ± 10	400 ± 10
Output resistance		Ω	700 ± 10	352 ± 2
Insulation impedance		MΩ	≥ 5000 (50 VDC)	
Temperature range , compensated		°C	- 10 ... + 40	
Temperature range , operating		°C	- 35 ... + 65	
Material			Alloy Stel	
Protection class			IP68	