QY Electronic Co Ltd
QH-71A

QH-71A load cells are available in the capacities from 10t to 100t.

Stainless steel construction with Column type,automatic recovery.Fully seal welding ,silicon adhesive sealed inside,waterproof, grease proofing,anti-corrosion and suitable for all kinds of environment.

Column type structure design.Tension and/or compression loading and easy installation.

Suitable for truck scale, railway scale and other electronic weighing devices.

Features:

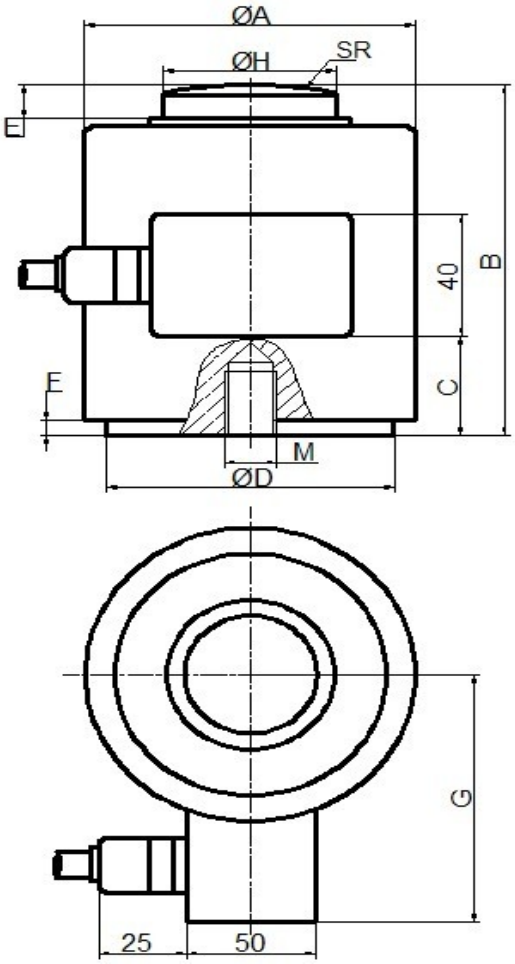
Capacity ： 10 t to 100t.

IP grade: IP67 & IP68

High accuracy.reliable performance

Column type structure design , easy installation.

Electrical connection and Dimensions:



Cap / Size	10,25 t	40,60 t	100 t
A	73.5	105.2	151.6
B	82.6	127.2	184.3
C	38.2	65.1	87.4
D	58.2	82.8	124
E	7.8	9.4	23.2
F	2.6	4.2	3.8
G	64.5	87.2	108.2
H	32	59	79.6
M	M12x1.75	M20x2.5	
SR	152	152	432

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Technical Specifications

Specifications:		
Capacity	t	10,25,40,50,60,100
Safe overload	%FS	150
Ultimate overload	%FS	300
Rated output	mV/V	2.0 ± 0.002
Excitation voltage	Vdc	9 ~ 12
Combined error	%FS	± 0.03
Zero unbalance	%FS	± 1
Non-linearity	%FS	± 0.03
Hysteresis	%FS	± 0.03
Repeatability	%FS	± 0.02
Creep	%FS/30min	± 0.03
Input resistance	Ω	390± 20
Output resistance	Ω	350 ± 5
Insulation resistance	M Ω	≥ 5000 @50 Vdc
Operating temperature range	℃	-20 ~ +70
Compensated temperature range	℃	-10 ~ +40
Temperature coefficient of SPAN	%FS/10℃	± 0.02
Temperature coefficient of ZERO	%FS/10℃	± 0.03

Electrical connection:

Excitation+ red Excitation- black Signal+ green Signal- white

Four-core shielded cable with polyethylene.

Cable diameter ： ∅5mm

Cable length：12 m

The cable length could be chose by customer’s application.

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