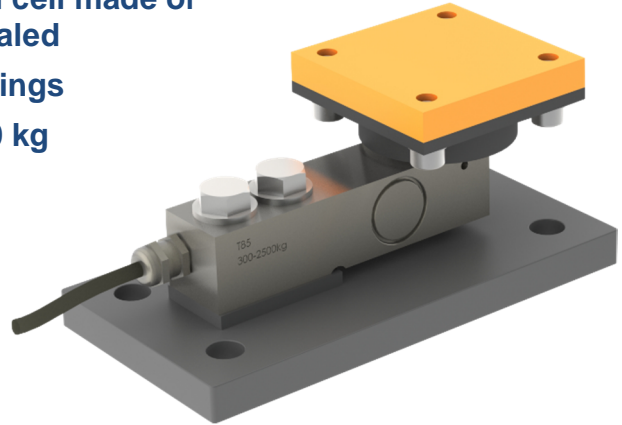


▶ WZM T85

- Built-in module with bottom plate and elastomer loading point
- High-precision shear beam load cell made of stainless steel - hermetically sealed
- Ideal for hopper and tank weighings
- For capacities from 300 to 5,000 kg higher loads upon request
- Low installation height
- Protection IP 68/ IP 69K
- OIML R60 approval
- ATEX approval (optionally)



TECHNICAL DATA:

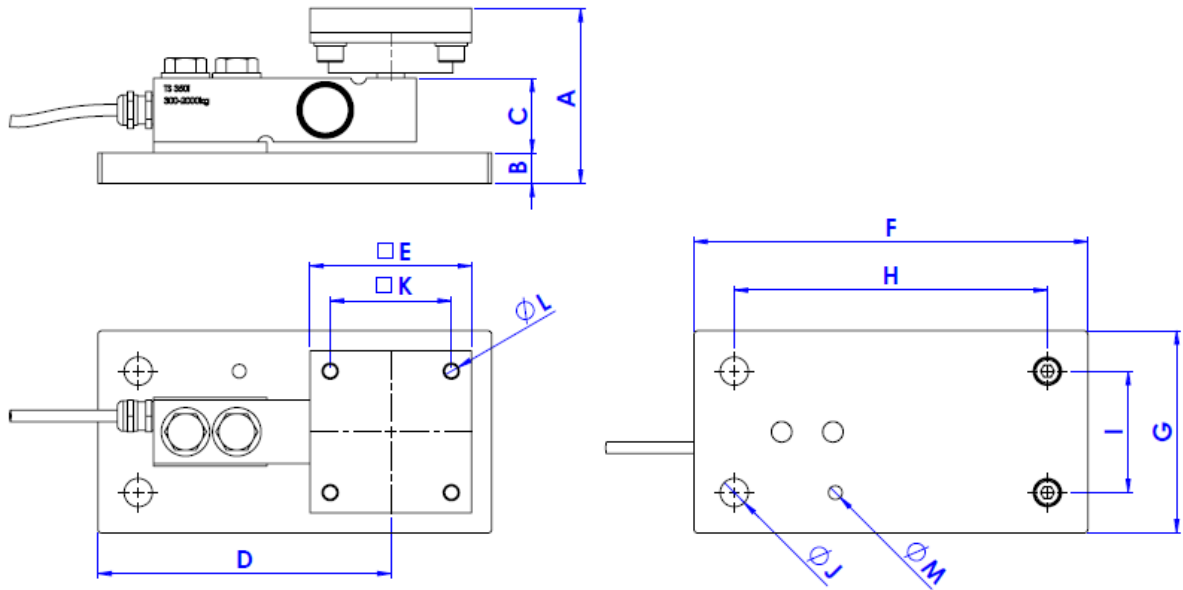
Rated Capacity (R.C.)		kg	300; 500; 750; 1,000; 1,500; 2,000; 2,500; 3,000; 5,000
Accuracy class			C3
Combined error		% of R.C.	< ± 0.017
Non-repeatability		% of R.C.	< ± 0.015
Minimum load cell verification interval		kg	$E_{max}/ 10,000$
Overload	safe	% of R.C.	200
	ultimate	% of R.C.	300
Supply voltage	recommended	V DC or AC	5-15
	maximum	V DC or AC	15
Input resistance		Ω	400 ± 20
Output resistance		Ω	350 ± 3
Rated output (R.O.)		mV/V	$2.0 \pm 0.05 \%$
Zero balance		% of R.O.	< ± 2.0
Creep (30 minutes)		% of R.O.	< ± 0.016
Operating temperature range		°C	-30 to +70
Compensated temperature range		°C	-10 to +40
Temperature effect			
on output		% of R.O./°C	< ± 0.0012
on zero balance		% of R.O./°C	< ± 0.002
Maximum deflection at R.C.		mm	0.2 to 0.4
Insulation resistance at 100 V		M Ω	> 5,000
Material	Load cell		Stainless steel
	Bottom plate		Mild steel, powder coated
	Loading point		Nickel plated alloy steel/ elastomer
Electrical connections			5 m shielded PUR cable, 4-wire d=5.7 mm
Protection			IP 68 / IP 69K

Options:
High temperature range up to 150°C

DIMENSIONS:

Weighing module WZM T85

with bottom plate and elastomer loading point



Rated load	A	B	C	D	E	F	G	H	I	K	ØL	ØM	ØJ
300 – 2,500 kg	86.5	15	37	145	80	195	100	155	60	60	8	8	14
3,000 – 5,000 kg*	134	20	68	172.3	100	210	120	170	80	76	8	8	17.5

All dimensions in mm.
*Higher loads upon request

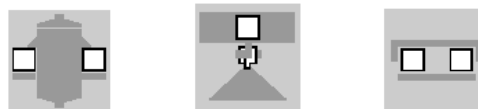
ATEX Certification:



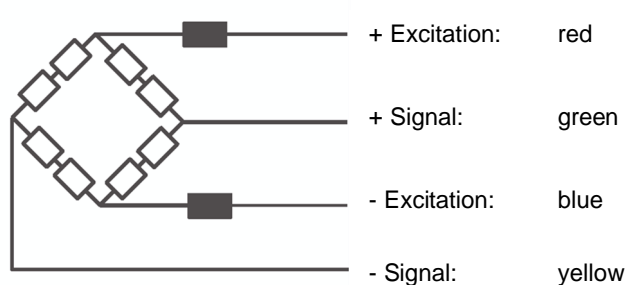
II 1 GD
Ex ia IIC T4..T6 Ga IP68 T85°C
Ex ia IIIC T135°C T85°C Da
Ex ta IIIC T85°C Da

Typical applications:

Hopper and tank weighings
Suspension track scales
Platform scales



Electrical connections:



The right of technical changes is reserved.
D00249e State: 07/2020