

Load pin with standard dimensions.

- CE certified for hoisting applications
- Sturdy design
- Stainless steel
- Protection IP 65
- Easy to install
- Complete range of "CE" certified electronics, load limiters and displays available
- Available options (non exhaustive list):
 - o ATEX Ex ia IIC T6 to T4 certified (hazardous area)
 - o Protection IP67 or IP67 marine
 - o High service temperature (180 °C)
 - o Amplified output signal (4..20 mA or 1..5 V)



Model 5300 - 500 kg

The SENSY's load pin 5300 is perfectly designed to the following applications :

- Hoisting devices and crane's security in combination with a load limitation electronic: (BRIDGEBOY, CRANEBOY, ...)
- Force measurement on cylinders and others applications
- Industrial weighing

CAPACITIES :

5300 : 0.5 - 1 - 2 - 3 - 5 - 10 - 20 - 30 - 50 - 75 - 100 t

TECHNICAL DATA		
Accuracy class		SL
Combined error	% F.S.	1
Non - repeatability	% F.S.	< ± 0.25
Creep error over 30 min.	% F.S.	< ± 0.2
Zero shift after loading	% F.S.	< ± 0,05
Reference temperature	°C	23
Nominal temperature range	°C	- 10...+ 45
Service temperature range	°C	- 30...+ 70
Storage temperature range	°C	- 50...+ 85
Temperature coefficient of the sensitivity	% /10°C	< ± 0.1
Temperature coefficient of zero signal	% F.S./10°C	< ± 0.1
Nominal sensitivity	mV/V	± 1
Zero balance	mV/V	± 0.02
Sensitivity tolerance (g=9,8107 m/s ²)	%	< ± 0.5
Input / Output resistance	Ohm	350 ± 20
Insulation resistance (50V)	MOhm	> 5000
Nominal excitation voltage	V	5 to 10
Nominal range of the excitation voltage	V	2...15
Safe load limit	% F.S.	200
Breaking load	% F.S.	> 500
Static lateral force limit	% F.S.	> 300
Permissible dynamic loading	% F.S.	70

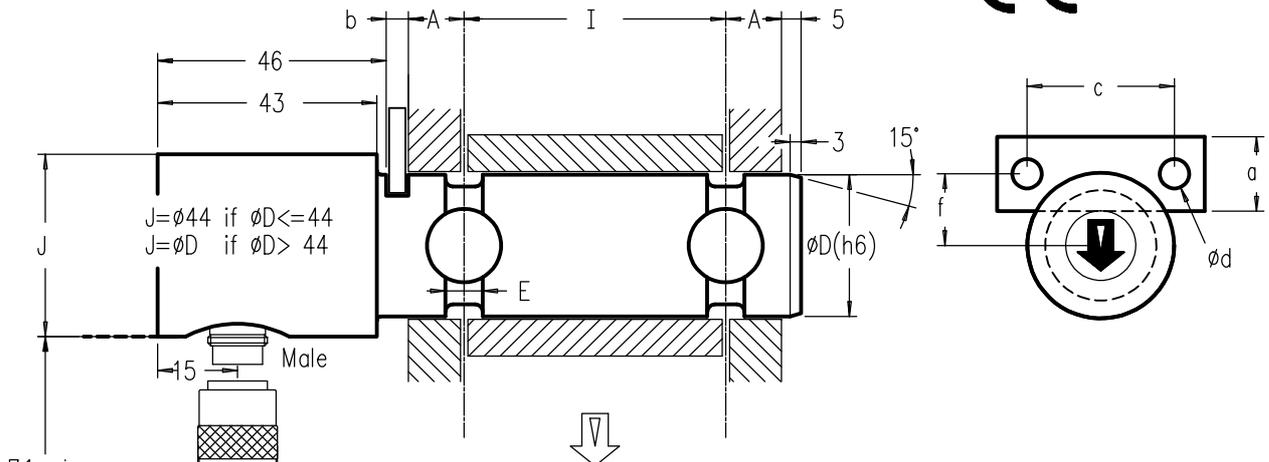
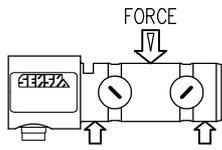
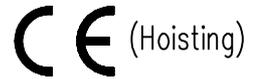
F.S.: full scale Specifications subject to change without notice

LOAD CELL

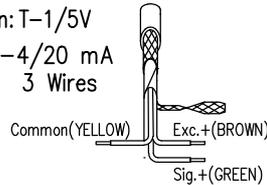
model 5300 stainless steel
 Range 0.5-100t IP65
DOUBLE SHEAR BEAM AXLE
 Cable length: 6m



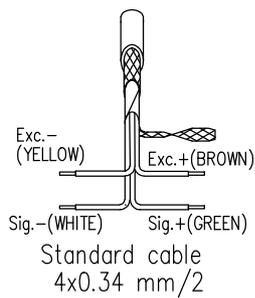
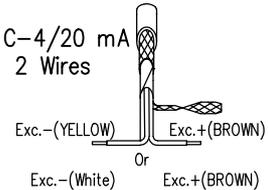
ATEX CERTIFIED

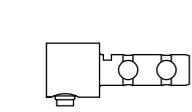
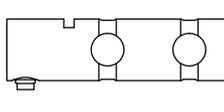


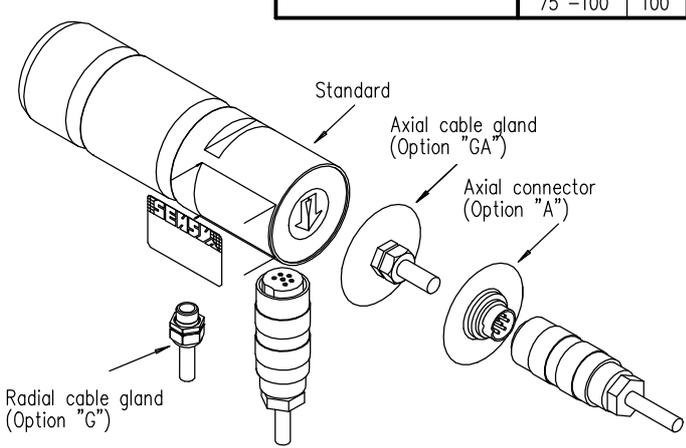
Option: T-1/5V
 or J-4/20 mA
 3 Wires



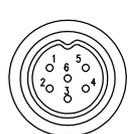
Option C-4/20 mA
 2 Wires



STANDARD DESIGN	CAP.(t.)	φD	A	E	I	a	b	c	φd	f	Weight
	0.5	25	13.5	8	31	25	6.5	50	11	20.5	0.8 kg
	1										
	2										
	3										
	5	35	18	10	47	30	8.5	70	13	24	1.3 kg
	10	50	27	14	66					33	2.6 kg
	20	65	32.5	18	90					38	5.3 kg
	30	75	40	100	47					7.5 kg	
	50	85	49	20	117					50.5	11.2 kg
75 -100	100	72.5	35	155	56	22 kg					



FEMALE-MALE CONNECTOR DIN 45322



- CONTACT N°
 - 1 Excitation - Yellow
 - 2 Signal + Green
 - 3 Signal - White
 - 4 Excitation + Brown
 - 5 Sense - Grey
 - 6 Sense + Pink
- Standard cable

Cable screen not connected to transducer
 Option f : Cable screen connected to transducer
 (6 wires cable in option)

Cable screen connected to transducer for option t,C,J