BLH Nobel load cell **KIS-9**

available with certification • ATEX • IECEx

General information

PWS2320261128

The BLH NOBEL KIS-9 load cell is extremely accurate and rugged, it withstands very high lateral forces and it is easy to install. The KIS-9 cell has a movable loading point and and 5 and 10 meter 4-wire shielded cables. The BLH NOBEL KIS-9 finds application in silos, bin and hopper weighing, inventory control systems, industrial conveyors and force measurement systems. The load cell BLH NOBEL KIS-9 is also available for extreme temperature from - 40 to + 100 °C and in ATEX version if requested.



Suggested related products

A highly performing weighing system must be accurate, perfectly calibrated and well maintained. In order to improve the load cell performance and to optimize its functioning, you may need the following products:

Weight Transmitter UWT 6008

Weight Transmitter DAT 1400

Weight Indicator MCT 1302

Tester 1008 TESTER 1008

Junction Box CGS4-C

All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

PAVONE SISTEMI S.R.L.
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
T (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963

Technical specifications

PWS2320261128

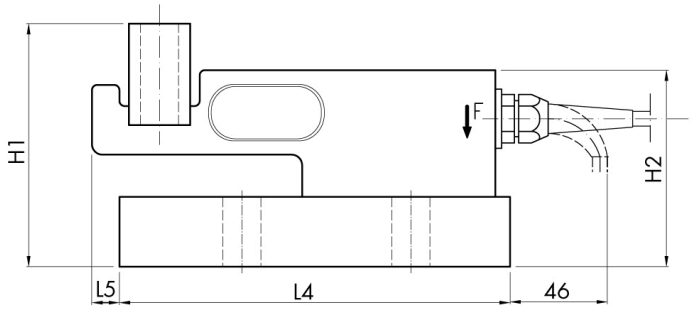
Rated load RL:	5, 10, 20, 50, 100 kN
Combined error:	±0.1 % RO
Repeatability:	±0.02 % RO
Creep (30 minutes):	±0.03 % RL
Safe overload:	50 % RL
Ultimate overload:	100 % RL
Ultimate sideload:	100 % RL
Material:	Stainless steel
Degree of protection:	IP67
Temperature range:	- 40 ÷ + 80 (+ 100 optional) °C
Temperature effect on zero balance:	±0.003 % RO/°C
Temperature effect on output:	±0.003 % of output/°C
Rated output RO:	1.020 mV/V ±0.25 %
Zero balance:	±2 % RO
Insulation resistance:	> 4 G Ohm
Input resistance:	350 ±5 Ohm
Output resistance:	350 ±1 Ohm
Recommended input:	5 Vdc/ac
Maximum supply voltage:	18 Vdc/ca

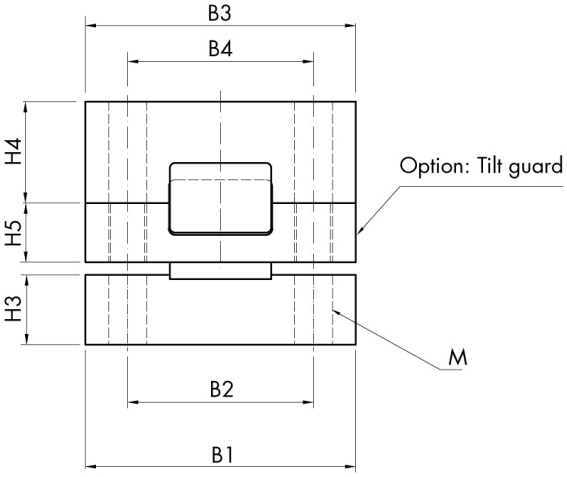
All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

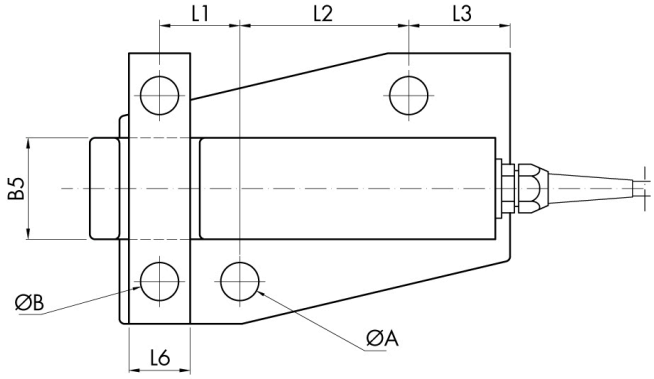
PAVONE SISTEMI S.R.L.
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
T (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963

BLH Nobel load cell **KIS-9**

available with certification • ATEX • IECEx





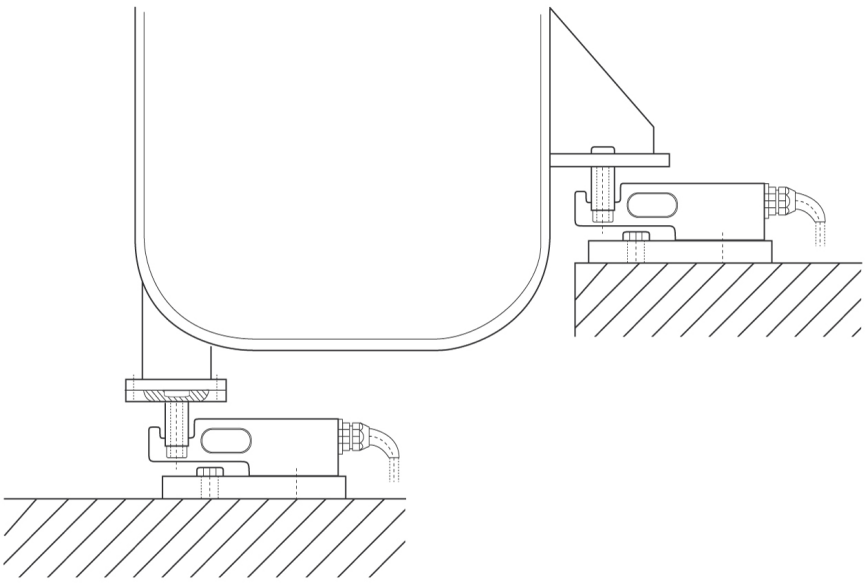


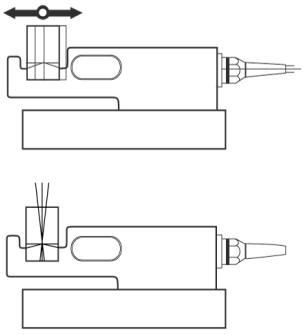
RANGE kN	L1	L2	L3	L4	L5	L6	ØA	ØB	B1	B2	B3	B4	B5	H1	H2	H3	H4	H5	M
5-10-20	27	72	41	154	9	19	14	11	96	62	80	56	30	80	67	19	37	20.5	M10
50	38	80	48	185	14	29	18	18	128	88	128	88	48	115	93	33	48	28	M16
100	48	122	25	220	17	48	22	22	160	120	160	120	62	130	108	38	53	33	M20

All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

PAVONE SISTEMI S.R.L.
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
T (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963

INSTALLATION EXAMPLES





All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).