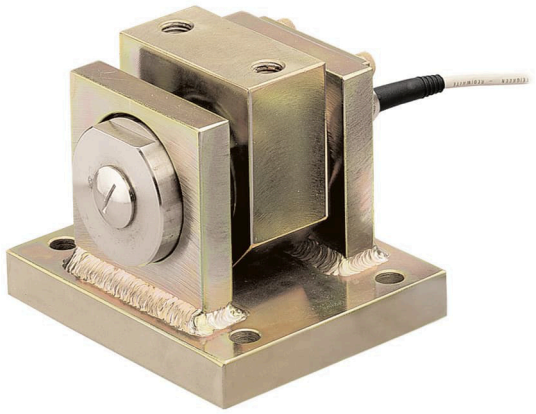
BLH Nobel load cell **KOM-1**

available with certification • EAC • ATEX • IECEx

General information

PWS3520260210

The BLH NOBEL KOM-1 load cell, designed to be robust, is suitable for loading and controlling level in storage tanks. The KOM-1 load cell is quick and easy to install and it is used for weighing systems and first level monitoring. The load cell BLH NOBEL KOM-1 is also available for extreme temperature from - 40 to + 100 °C.



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

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

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Rated load RL:	10, 20, 50, 100, 200 kN
Combined error:	0.25 % RO
Repeatability:	0.25 % RO
Safe overload:	100 % RL
Ultimate overload:	200 % RL
Material:	Stainless steel
Degree of protection:	IP67
Temperature range:	-40 ÷ +80 (+100 optional)°C
Temperature effect on zero balance:	±0.04 % RO/°C
Temperature effect on output:	±0.04 % output/°C
Rated output RO:	1 mV/V
Zero balance:	±5 % RO
Insulation resistance:	> 4 G Ohm
Input resistance:	350 ±5 Ohm
Output resistance:	350 ±5 Ohm
Recommended input:	10 Vdc/ac
Maximum supply voltage:	18 Vdc/ac
Tolerance of shunt calibration values:	±1 %
Material (accessories):	Yellow chromate steel

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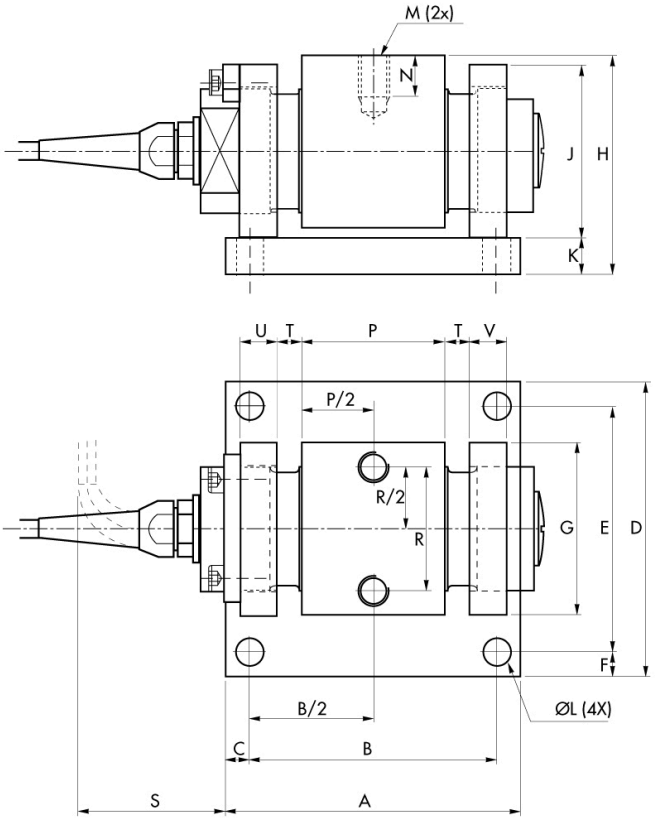

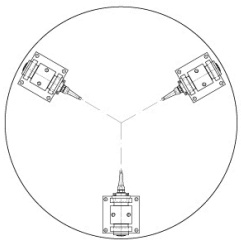

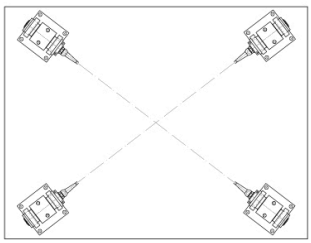

RANGE kN	A	B	C	D	E	F	G	H ±1	J	K 0;-1	ØL	M	N	P	R	S	T	U 0;-1	V 0;-1
5-10-50	120	100	10	120	100	10	70	89	70	15	11	M12	18	33	50	47	10	15	15
100	120	100	10	120	100	10	70	89	70	15	11	M12	18	48	50	60	10	20	20
200	140	90	25	170	140	15	100	135	100	24	14	M16	28	48	70	50	10	30	20

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

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