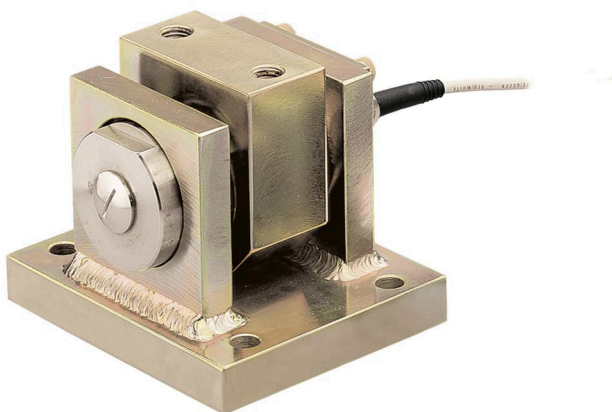


## General information

PWS3520251216

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](#)

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

## Technical specifications

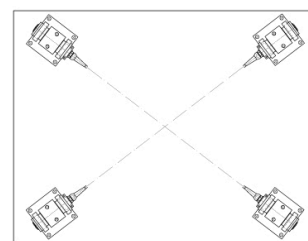
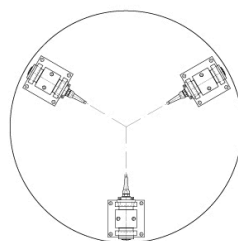
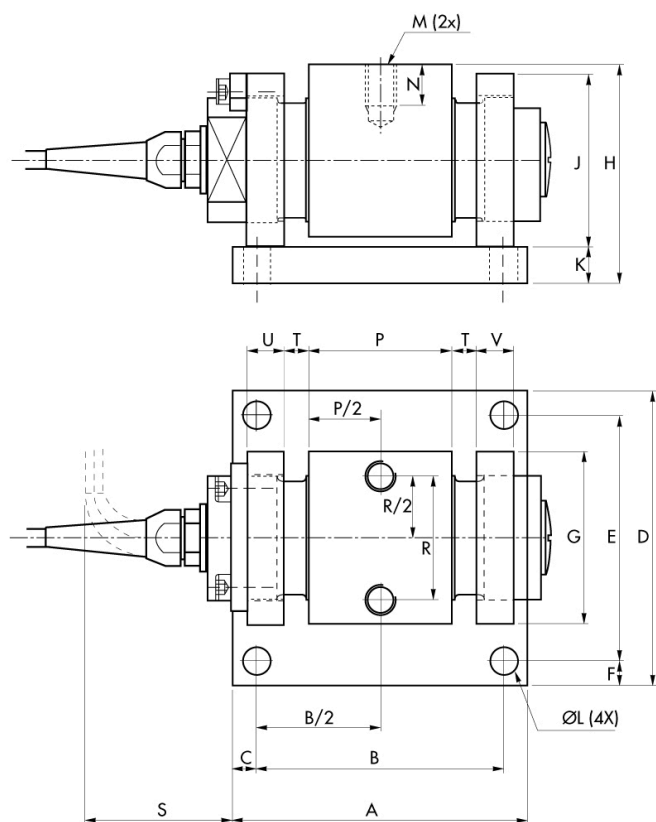
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<b>Rated load RL:</b>	10, 20, 50, 100, 200 kN
<b>Combined error:</b>	0.25 % RO
<b>Repeatability:</b>	0.25 % RO
<b>Safe overload:</b>	100 % RL
<b>Ultimate overload:</b>	200 % RL
<b>Material:</b>	Stainless steel
<b>Degree of protection:</b>	IP67
<b>Temperature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

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 All the measures indicated are expressed in millimeters (mm).

# BLH Nobel load cell **KOM-1**

available with certification • EAC • ATEX • IECEx



RANGE kN	A	B	C	D	E	F	G	H <sub>±1</sub>	J	K <sub>0;-1</sub>	ØL	M	N	P	R	S	T	U <sub>0;-1</sub>	V <sub>0;-1</sub>
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

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All the measures indicated are expressed in millimeters (mm).