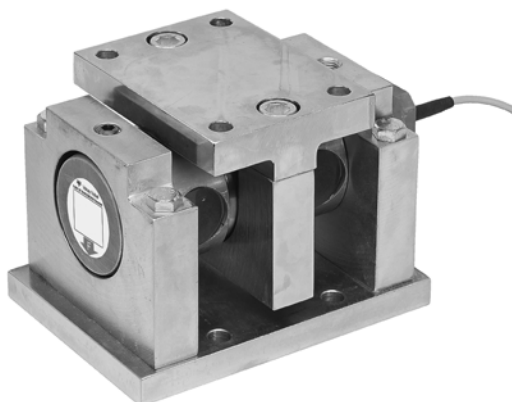


## Weigh Module



### FEATURES

- Simple installation
- No extra mounting detail is needed
- Suitable for weighing in large size
- Movable load point
- Allow movement caused by thermal expansion
- Atex approved for hazardous areas

### TECHNICAL DATA

Rated load (R.L.)		<b>kN</b>	<b>500, 800</b>
Combined error (terminal)		% of R.O.	± 0.1
Repeatability		% of R.O.	0.02
Overload	<b>safe</b>	% of R.L.	50
	<b>ultimate</b>	% of R.L.	100
	<b>recommended</b>	V DC or AC	10
Input voltage	<b>maximum</b>	V DC or AC	18
		ohm	350 ± 5
Input resistance		ohm	350 ± 0.5
Output resistance		mV/V	2.040
Rated output (R.O.)		% of R.O.	± 0.25
Tolerance of R.O.		% of R.O.	± 2
Zero balance		% of value**	± 0.25
Tolerance of shunt calibration values		% of R.L.	± 0.03
Creep at R.L. after 30 min		°C	- 40 to + 80 (+ 100)***
Temperature range	<b>on output</b>	% of output/°C	± 0.003
	<b>on zero balance</b>	% of R.O./°C	± 0.003
Insulation resistance at 200 V DC		Gohm	> 4
Material			Yellow chromate steel
Electrical connection			10 m shielded four conductor cable IP 67
Degree of protection			

\*referring to recommended loading case

\*\*See calibration sheet of the load cell

\*\*\*- 40 to + 100°C on demand

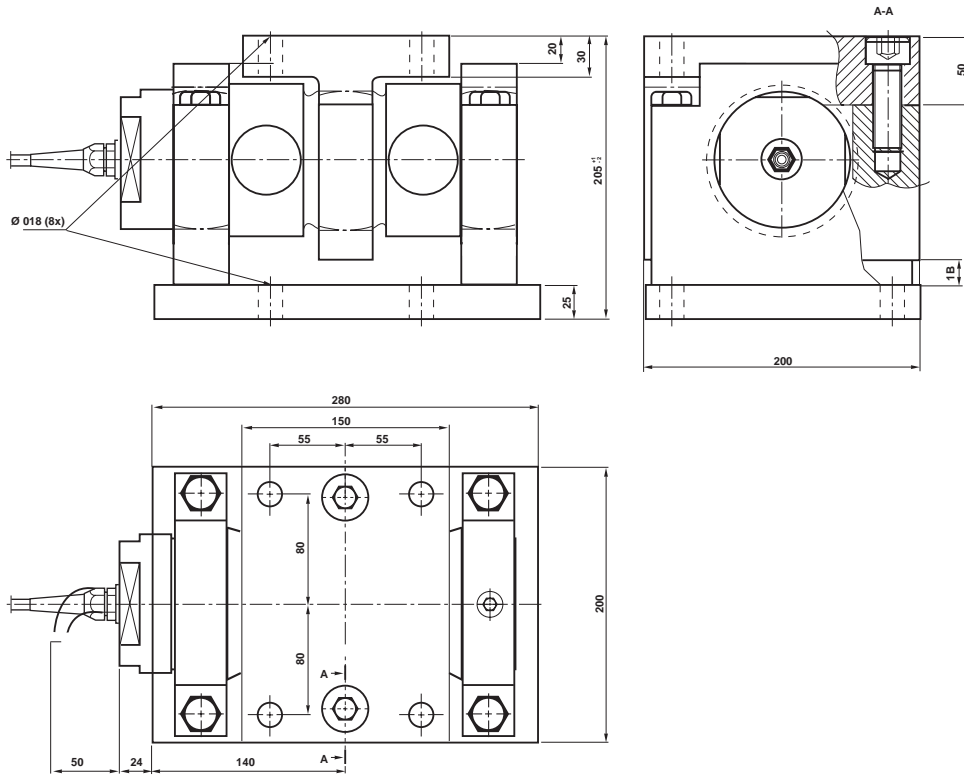
ATEX certified versions for use in explosive atmospheres are available.



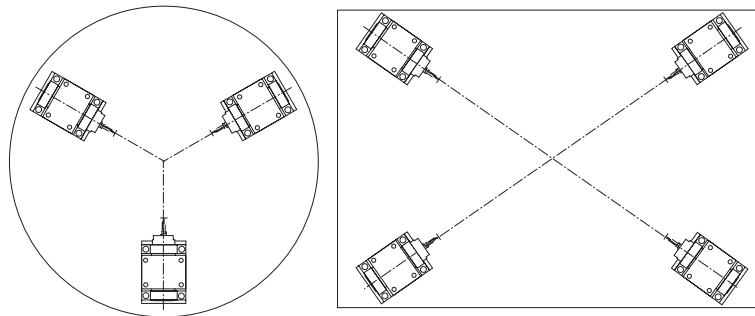
II 1GD

EEx ia IIC T4 Tamb = 60°C

### DIMENSIONS KIMD-1 MODULE



### ORIENTATION OF WEIGH MODULES



Recommended weigh module orientation in order to give self locking conditions and freedom for mechanical movements caused by temperature.