



KL 2

Terminal Box

Plastics

Product characteristics

- cost-efficient ABS case
- for connecting 2-wire submersible transmitters
- integrated pressure balance item
- 2 signal lines

Optional versions

- Version for two independent 2 wire circuits
- overvoltage protection
- HART® connection

The terminal box KL 2 is intended for the professional electrical connection of submersible level transmitters. Thus, it is a cost-effective alternative to our well proven aluminium terminal box KL 1.

A pressure balance item is responsible for the compensation of atmospheric pressure variations. On the supply side a cable without ventilation tube can be used.

Vertical terminal clamps enable easy connection of cables inside the case.

The KL 2 with optional overvoltage protection is additionally equipped with surge arresters with a nominal discharge current of 10 kA.

As a further option the KL 2 is available with a HART® connection.









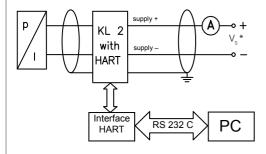


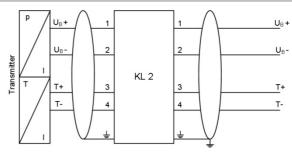
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General specifications					
Number of signal lines	2-wire (4 20 mA)				
Housing material	terial plastic ABS, grey				
Ingress protection	IP 66				
Cable entries	cable gland M16x1.5 Polyamide, seals NBR, IP 68, diameter range: standard 5 10 mm others on request				
Atmospheric pressure compensation	pressure balance item with PTFE filter				
Terminal clamps	vertical clamps for stranded and solid wires up to 2.5 mm ²				
Weight	approx. 220 g				
Optional overvoltage protection					
Series resistance	sistance 10 Ω for each wire				
Nominal discharge current	nt 10 kA (8/20 µs)				
Max. rated current	30 mA				
Optional HART® connection					
Connections	s terminal clamp connection gram				
Wiring diagram					

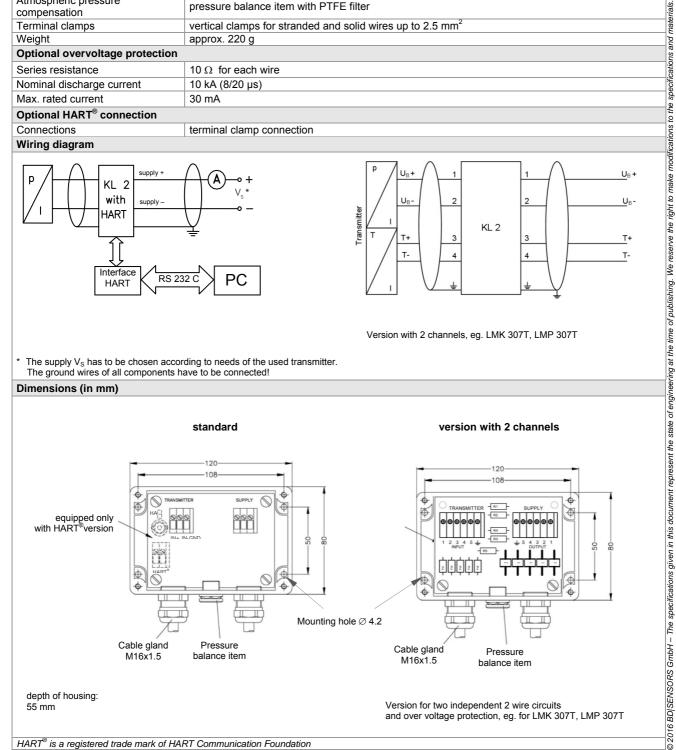




Version with 2 channels, eg. LMK 307T, LMP 307T

 $^{\star}\,$ The supply V_{S} has to be chosen according to needs of the used transmitter. The ground wires of all components have to be connected!

Dimensions (in mm)



KL2 E 200416 pressure measurement

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Ordering code KL 2							
KL 2 - ZB.601	- [-[]
Version							
standard	2	0	0				
over voltage protection		0	1				
version with 2 channels ¹	2	2	0				
version with 2 channels and over voltage protection 1	2						
HART® communication interface	2	Н	0				
HART [®] communication interface and over voltage protection	2	Н	1				
Special version							
standard				0	0 9	0	
customer				9	9	9	9 consult

¹ Version for 2 independent 2 wire circuits

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dokument contains product specification; properties are not guaranteed. Detailed information about options are defined in the datasheet. Subject to change without notice.