

Termination boxes KL3, KL4

Termination boxes enclose hydrometric cable of submersible level transmitters and the reference atmospheric pressure tube.



KL termination boxes complete pressure transmitters with hydrometric cables and Pt100 resistance thermometers. Through a special filter in the housing of the box atmospheric pressure reaches the cable's capillary tube.

The box protects the transmitter it is connected to from surges and lightning strikes.

Application:

Commutated circuits from hydrostatic level transmitter (4...20 mA current output signal, built-in thermometer) and surge/lightning protection.

	KL 3	KL 4
Built-in Pt100 signal converter	Not available	Available
Housing	Aluminum	Aluminum
Cable gland	M16x1.5, polyamide, Seal — NBR	
Ingress protection (GOST 14254)	IP 65	
Wires cross section	0.2...2.5 mm ²	
Clamped cable diameter	6...10 mm	
Weight	520 g max	560 g max
Measured temperature (Pt100 thermometer)	-	0...+70 °C / -40...+400 °C (optional)
Absolute accuracy of temperature measuring channel	-	≤ ±0.2 °C
Operating temperature limits	-40...+85 °C	
Pulse discharge current for a current pulse with a wave front of 8/20 μs	10 kA	
Sequential resistance per line	10 Ohm	
Protection voltage level	45 V	

DIMENSIONS

