

Head Transmitter VK 615

Analogue In-Head Transmitter for Pt100 / Pt1000
B-head, 4...20mA

The VK 615 is an analogue transducer for Pt100/Pt1000 sensors acc. DIN EN 60751. The temperature-sensitive resistance will be transformed into an extreme precise, temperature-linear current output of 4...20mA. The transducer VK 615 can be mounted inside the protection head type B. The transducer is tuned ex works. Further fine-tuning can be arranged by span and zero controllers. Please note: Using Pt 100 in 2-wire connection clamps 4 and 5 must be jumpered!

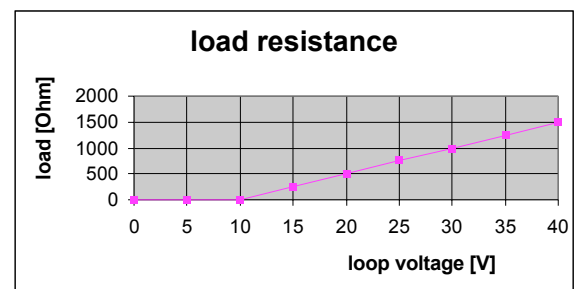
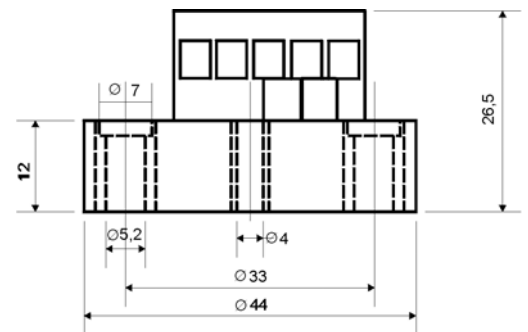


Technical data:

Input:	PT100/PT1000 2/3 wire (DIN EN 60751)
Measuring-current:	0,8..1mA (depends on the sensor resistance)
Linearity error:	<0,1% FS
Loop voltage:	10..35V DC, polarity reversal protection
Residual ripple:	<10%
Output:	4..20mA current loop
Break of probe:	>20mA
Short circuit (probe):	<4mA
Response time:	<0,1s
TK:	<50ppm/°C
Working temperature range:	-40..85°C
Storing temperature range:	-40..120°C
Humidity:	<95%
Terminals:	screw terminal 0,13..1,5mm_
Casting compound:	Polyurethane, black
Weight:	ca. 30g
Vibration:	5g/10..200Hz

EMC

Emission:	EN 50081-1
Immunity to interference:	EN 50082-2



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