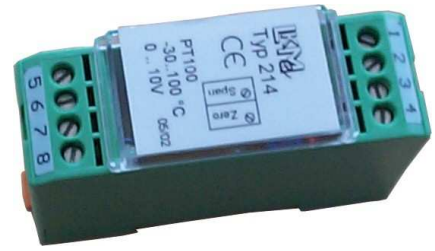


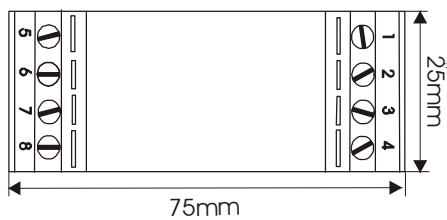
TYPE214 FOR PT100/PT1000

The type 214 is an analogue transducer for Pt 100/Pt1000-temperature sensors according DIN EN 60751. The temperature-sensitive resistance will be transformed into a voltage output of 0..10V. The transducer type 214 can be mounted on customary rail systems. The type 214 has been tuned ex works according to the customized requires. Further fine-tuning can be arranged by span and zero controller.



TECHNICAL DATA

Input:	Pt100/Pt1000	2, 3 or 4-wire circuit
Measuring current:	appr. 0,8 mA	
Zero:	-200..600°C	
Span:	>20 K	
Linearity error:	<0.1% FS	
Supply voltage:	15..35VDC, 15..26 VAC	polarity - safe
Consumption current:	max. 20mA	
Output:	0..10V	
Min. load resistance:	10kOhm	
Probe break:	>10V	
Short circuit:	=0V	
Reaction time:	<0.1s	
Temp. coefficient:	<100ppm/°C	
Operating temp. range:	-25..85°C	
Humidity:	<95% rel. humidity	
Mounting:	35mm rail	acc. EN 50 022
Housing:	EMG25-LG	
Material:	Polycarbonate	
Dimensions:	75x25x53mm	H x W x D
Type of terminals:	screw clamps	
Clamping range:	0.2..2.5mm ²	
Weight:	approx. 60g	
Vibration:	5g/10..200Hz	
EMC:	EN 61326-1:2006 EN 61326-2-3:2006	Emission and Noise immunity



Load resistance

