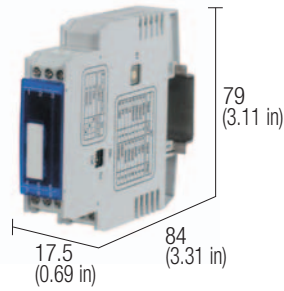


Temperature transducer

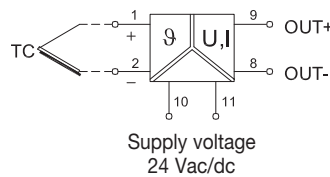
- Converters for sensors with thermocouples J and K type
- 3 ways galvanic isolation
- 8 programmable input range
- 3 programmable output range
- Simple programming



NOTES

- The dimensions includes the DIN clamp.
- (1) Adjustable via rotary-switch
 - (2) Adjustable via dip-switch
 - (3) range 16.8...30 Vdc / 19.2...28.8 Vac
 - (4) range 16.8...264 Vdc / 19.2...264 Vac
 - (5) *3-way isolation: IN/OUT/power supply

BLOCK DIAGRAM



VERSIONS	Cat. No. X756844	-	APPLICATIONS
24 Vac/dc supply voltage	CWTH 6-0844	-	The modules convert and isolate signals generated by thermocouples type J (FeCuNi) or K (NiCrNi) into an analogue signal; can be set into 8 temperature input ranges, and can be set for up to 3 most important analogue ranges. The set up is possible by setting a dip-witch on one side of the module. The modules provide input and output isolation, assuring high signal accuracy, and can be used with isolated and not isolated sensors.
24-240 Vac/dc supply voltage		-	
INPUT TECHNICAL DATA	thermocouples FeCuNi (J type) e NiCrNi (K type) according to DIN/IEC584-1		
Input signal	-50...+200°C (-58...+392°F) -50...+350°C (-58...+662°F) 0...+200°C (+32...+392°F) 0...+400°C (+32...+752°F) 0...+600°C (+32...+1112°F) 0...+800°C (+32...+1472°F) 0...+1000°C (+32...+1832°F) 0...+1200°C (+32...+2192°F)		
Temperature range (1)			
Supply current	—		
OUTPUT TECHNICAL DATA	0...10 V 0...20 / 4...20 mA >1 kΩ with output voltage, <400 Ω with output current		
Output signal (2)			
Applicable load			
GENERAL TECHNICAL DATA	24 Vac/dc (3) ≤ 35 mA ± 10% @ 24 Vdc <0.5% FS <30 Hz 0.015% / K FS 1.5 kVac / 60 s (5) EN 50081-2, EN 50082-2 IEC 664-1, DIN VDE III / 2 IP20 -20...+60°C 2.5 mm ² fixed screw type Noryl UL94V-0 65 g (2.29 oz) vertical on rail adjacent without gap		
Supply voltage			
Rated current			
Accuracy			
Transmission frequency			
Temperature coefficient			
Isolation			
ECM standards			
Reference Standard			
Overtoltage category/Pollution degree			
Protection degree			
Operating temperature range			
Connection terminal			
Housing material			
Approx. weight			
Mounting information			
MOUNTING ACCESSORIES	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB		
Mounting rail type according to IEC60715/TH35-7.5			
Mounting rail type according to IEC60715/G32			
Plug-in jumper	red	—	
(16 poles, 16 A)	white	—	
	blue	—	