Technical data	
Number of channels	2
Signal type	Thermal resistance
Signal type	PT100、PT200、PT500、PT1000、NI100、NI200、NI500、NI1000、NI120、CU10、CU50、CU100、CU53、KTY84
Connection type	2/3/4-line
Resolution [bit]	16 Bit，0.1℃/each number
Precision	±0.3%
Data size	4 Byte
Temperature coefficient	±50ppm/Kmax.
Measuring range	-200℃～850℃
Supply voltage (system)	5VDC；via data contacts
Current consumption	<60mA
Working voltage	24VDC（-15%～+20%）via power jumper contacts
Isolation	500Vsystem/field Magnetic isolation
Frequency interference suppression	10Hz | 50Hz | 60Hz | 400Hz
Conversion time	150ms
Fault diagnosis	Yes
Diagnosis	Disconnection, Parameter assignment error
Process alarm	Upper/Lower limit, per channel
Reverse protection	Yes
Indicators	2 x LED Green
Number of incoming power jumper contacts	2
Number of outgoing power jumper contacts	2
Connection data	
Connection technology: inputs / outputs	8 xvia pluggable connector
Connection type 1	Inputs/Outputs
Area of wire	0.2～2.5mm²/28～14AWG
Strip length	8～9mm/0.31～0.35inches
Mounting type	DIN-35 RAIL
Material Data	
Color	light gray
Housing material	Polycarbonate; polyamide 6.6
Conformity marking	CE
Environmental requirements	
Ambient temperature (operation)	-25～60℃
Surrounding air temperature (storage)	-40～85℃
Protection type	IP20
Pollution degree (5)	2，Per IEC 61131-2
Operating altitude	without temperature derating：0～2000m
Mounting position	Any
Relative humidity (without condensation)	5～95%RH
Vibration resistance	4g，Per IEC 60068-2-6
Shock resistance	15g，Per IEC 60068-2-27
EMC immunity to interference	Per EN 61000-6-2
EMC emission of interference	Per EN 61000-6-3
Exposure to pollutants	Per IEC 60068-2-42 and IEC 60068-2-43
Permissible pollutant concentration H2S at a relative humidity < 75%	10ppm
Permissible pollutant concentration SO 2 at a relative humidity < 75%	25ppm