



# SLS-500-PT100

## overview



local



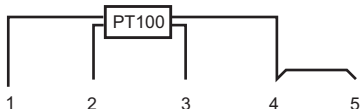
remote

- ◆ temperature input expansion module
- ◆ supply voltage 24V=
- ◆ 2 PT100 inputs
- ◆ 4 transistor outputs (PNP)
- ◆ LED indicators for outputs
- ◆ RS485 interface
- ◆ 1 potentiometer
- ◆ pre-programmable timer functions
- ◆ 45mm DIN rail mount housing

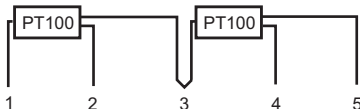
## specification

supply voltage	24V= ±10%
power consumption	0,5W nominal
output transistor spec.	max. 800mA 24V= PNP
input specification	PT100 element
	-50°C to +300°C
	0,1°C repeat accuracy
protection class	terminals IP20
	housing IP50
screws	pozidrive 1
screw tightening torque	1,0 Nm
weight	120g
dimensions	45 x 85 x 75mm
operating conditions	-15 to +55 °C non condensing

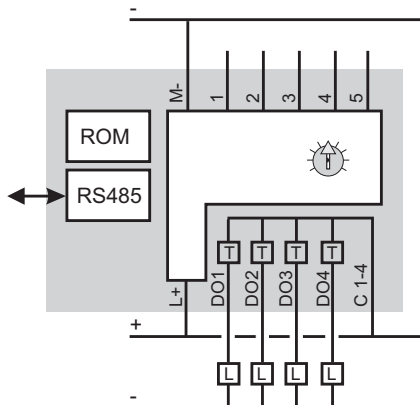
1 PT100 4-wire connection



2 PT100 3-wire connection



Remark:  
Unused inputs are replaced by connections.



## ordering information

part no	type	supply	input	inp. galv. iso.*	output	outp. galv. iso.*	housing types
SLS-500-PT100-C	local	24V=	2x PT100	no	4x trans. PNP	no	C
SLS-500-PT100-D	remote	24V=	2x PT100	no	4x trans. PNP	no	C
SLS-550-PT100-C	local	24V=	2x PT100	no	4x trans. PNP	no	C
SLS-550-PT100-D	remote	24V=	2x PT100	no	4x trans. PNP	no	C

\* measurement input galvanically isolated from the power supply