

JUMO safetyM TB/TW08 Temperature Limiter and Temperature Monitor According to DIN EN 14597

- Configurable as temperature limiter (TB) or temperature monitor (TW)
- Approval according to DIN EN 14597
- 17 linearizations can be set
- Input 2 × Pt100 for differential measurement
- Internal and external unlocking possible
- DIN CERTCO tested device



Order details

(1) Type	
701170	Temperature monitor/ limiter 08
(2) Configuration	
8	Default setting
9	Customer setting
(3) Basic type extension	
0151	Temperature monitor (inverse)
0152	Temperature monitor (direct)
0153	Temperature limiter (inverse)
0154	Temperature limiter (direct)
(4) Measuring input	
1001	1x Pt100 in 3-wire circuit
1003	1x Pt100 in 2-wire circuit
1005	1x Pt1000 in 2-wire circuit
1006	1x Pt1000 in 3-wire circuit
1052	1x 0..20mA
1053	1x 4..20mA
1063	1x 0..10V
1071	1x 2..10V
1601	1x KTY 11-6
2024	2x Pt100 for differential measurement
2037	2x W3Re-W25Re "D"
2039	2x Cu-CuNi "T"
2040	2x Fe-CuNi "J"
2041	2x Cu-CuNi "U"
2042	2x Fe-CuNi "L"
2043	2x NiCr-Ni "K"
2044	2x Pt10Rh-Pt "S"
2045	2x Pt13Rh-Pt "R"
2046	2x Pt30Rh-Pt6Rh "B"
2048	2x NiCrSi-NiSi "N"
(5) Voltage supply	
23	AC 110...240 V +10 / -15 %, 48...63 Hz
25	AC/DC 20...30 V, 48...63 Hz
(6) Output	
000	Not to be used
001	0..20mA analog
005	4..20mA analog
040	0..10V analog
070	2..10V analog

Order code

(1) (2) (3) (4) (5) (6)
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**Stock versions**

Order code	Part no.
701170/8-0153-1001-23/000-000	00534932
701170/8-0153-1001-23/005-000	00547738
701170/8-0153-1001-25/000-000	00534933
701170/8-0153-1001-25/005-000	00531468

Accessories

Description	Part no.
PC interface with converter USB/TTL	00456352
external reset push button	97097865

Software

Description	Part no.
Setup JUMO TB/TW 08 701170	00548543