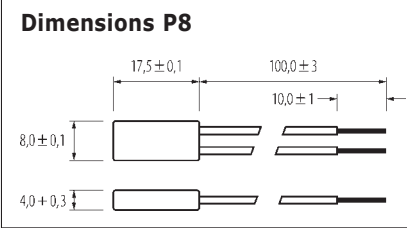


Technical Specifications Temperature detector P

Breaking capacity:	250 V; 2,5 (1,6) A / 50 Hz
Min. current:	20 mA
Switching temperature:	40°C – 150°C, (±5 or ±10), in 5 Kelvin steps
Max. breaking capacity:	2,5 A cos Φ 1,00 / 250 V, 150°C 4,0 A cos Φ 0,45 / 250 V, 135°C
Switching differential:	10 K ... 60 K depending on the cut-off temperature
Type of action:	2.B (max. drift ±5 K)
max. ambient temperature:	160°C / 200°C, 1 minute
Approvals:	VDE (EN 60730) UL 2111, conform to RoHS



alternativ:

P5 housing type:
L 4,0 x **W** 8,0 x **H** 16,0

P1 housing type:
L 3,6 x **W** 8,0 x **H** 14,5

Technical Data

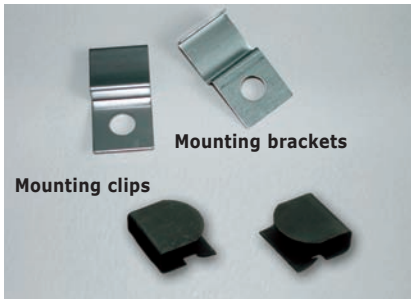
The housing of this switch consists of a single part bag housing which is closed at its end by resin (P8 housing type); this makes the switch mould-proof. This mould-proof switch may thus also be used in "tough" environments subject to the detrimental influences of humidity or dirt. Alternative housing types: unsealed version (P5) or plate bar version (P1). All housing types are voltage-free. Due to its constructional size the P switch is one of the most compact thermostats available. This ensures a very fast response rate.

Its rectangular homogenous constructional size provides excellent thermal conduction characteristics. The housing is resistant against temperatures (permanent temperature: 160°C), with a temporary increase in temperature up to 200°C max. being permissible for a short period only.

The standard version is equipped with 100 mm long (length of stripped isolation: 10 mm) insulated leads or wire connection (AWG 24).

Special leads or wire (larger diameter to AWG 22) or different lengths available on request.

Accessories

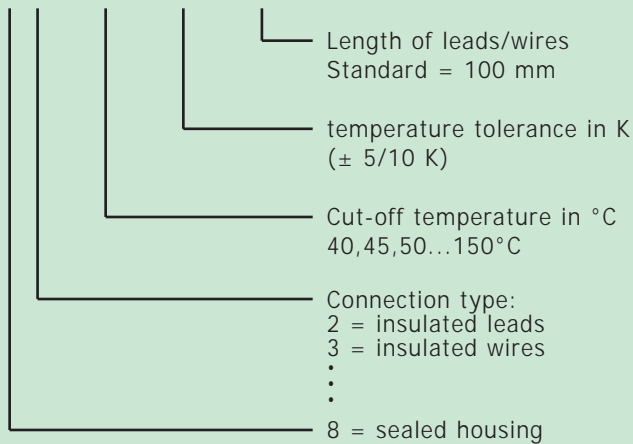


Mounting brackets

Mounting clips

Type reference P switch (temperature detector with automatic reset function)

P 8 X - XXX - XX - XXX



Example for type reference:
P 8 2 - 125 - 05 - 100
temperature detector
insulated lead (standard AWG 24)
125°C cut-off temperature
tolerance ±5 K
100 mm lead length
(10 mm stripped length)