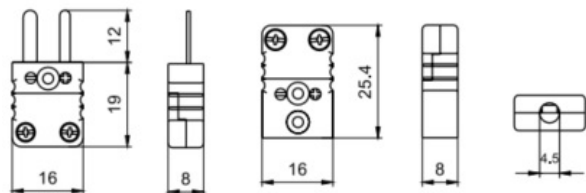


SZM99 - MINIATURE PLUG AND SOCKET CONNECTORS FOR TEMPERATURE SENSORS

Plugs and sockets are elements of measuring systems used to connect temperature sensors to measuring devices such as: controllers, indicators and recorders. The variety of types allows to apply them to the majority thermocouples and resistance thermometers under various environmental conditions and operating temperature. Solid pins ensure a reliable connection.

1. SZM99 Miniature plug / socket (200°C max.)

Temperature range	200°C max.
Lead wire diameter	4.5 mm max.
Conductor cross-section	from $\varnothing 0.002$ mm to $\varnothing 0.6$ mm
Casing colour	acc. to IEC-584: J: black, K: green, N: pink, T: brown, R and S: orange



coupler

plug

ORDERING

SZM99-X-X

sensing element:

J : TC J (Fe-CuNi)
 K : TC K (Ni-CrNi)
 N : TC N (NiCrSi-NiSi)
 T : TC T (Cu-CuNi)
 R : TC R (PtRh13%-Pt)
 S : TC S (PtRh10%-Pt)

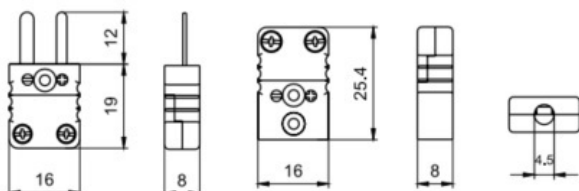
Pt100 : Cu type (for resistance sensors)
 other, please specify

connector type:

W : plug
 G : coupler
 WG : set

2. SZM99HT Miniature high-temperature plug / socket (350°C max.)

Temperature range	350°C max.
Lead wire diameter	4.5 mm max.
Conductor cross-section	from $\varnothing 0.002$ mm to $\varnothing 0.6$ mm
Casing colour	brown

high-temperature
couplerhigh-temperature
plug

ORDERING

SZM99HT-X-X

sensing element:

J : TC J (Fe-CuNi)
 K : TC K (Ni-CrNi)
 N : TC N (NiCrSi-NiSi)
 T : TC T (Cu-CuNi)
 R : TC R (PtRh13%-Pt)
 S : TC S (PtRh10%-Pt)

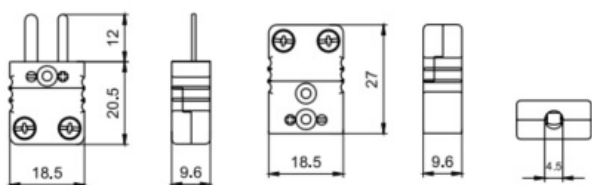
Pt100 : Cu type (for resistance sensors)
 other, please specify

connector type:

W : plug
 G : coupler
 WG : set

3. SZM99C Miniature ceramic plug / socket (650°C max.)

Temperature range	650°C max.
Lead wire diameter	4.5 mm max.
Conductor cross-section	from $\varnothing 0.002$ mm to $\varnothing 0.6$ mm
Casing colour	white

ceramic
couplerceramic
plug

ORDERING

SZM99C-X-X

sensing element:

J : TC J (Fe-CuNi)
 K : TC K (Ni-CrNi)
 N : TC N (NiCrSi-NiSi)
 T : TC T (Cu-CuNi)
 R : TC R (PtRh13%-Pt)
 S : TC S (PtRh10%-Pt)

other, please specify

connector type:

W : plug
 G : coupler
 WG : set

