

Connectors or thermocouple couplings are kind of fast and reliable connections on the thermocouple-extension or compensating cable-controller circuit.

The materials of the current-carrying parts are made of the same alloys from which the corresponding thermocouples K, J, T, N and others are made. Only thermocouple connectors, type S, R и B are made of compensating materials and alloys: Cu and CuNi.

The most common thermocouples in Bulgaria, respectively connectors are as follows:

Connector type	Thermocouple type	Conductor parts (+)pole (-)pole		Color code	Connector material	Temperature resistance
OMSC-K	K	Ni-Cr	Ni	ANSI:жълт	Nylon PA	200 oC
OMSC-K	K	Ni-Cr	Ni	IEC:зелен	Nylon PA	200 oC
OMSC-J	J	Fe	Cu-Ni	ANSI:черен	Nylon PA	200 oC
OMSC-J	J	Fe	Cu-Ni	IEC:черен	Nylon PA	200 oC
OMSC-S	S	Cu	Cu-Ni	ANSI:зелен	Nylon PA	200 oC
OMSC-S	S	Cu	Cu-Ni	IEC:оранж.	Nylon PA	200 oC

Priority stocks are maintained according to the IEC standard

Dimmensions:

