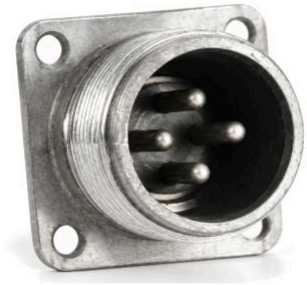
PPH25M Thermocouple Connectors with Compensating Contacts

Chromel / alumel contacts · 4 to 47 contacts · –60 to +200 °C



Temperature	–60 to +200 °C
Contacts	4 to 47
Contact material	Chromel, alumel, nickel-copper
Shell	Threaded, M24 to M64

Key features

- Contacts in thermocouple alloys: chromel (X), alumel (A), nickel-copper (K)
- For thermocouple and DC circuits
- Layouts from 4 to 47 contacts, all Ø 2.5 mm
- Receptacles without backshell or with straight or 90° unshielded backshells
- Plugs with straight or 90° backshells, shielded or unshielded, including cable-clamp versions
- PPH25M to +200 °C (≥ 600 h); PPH25AM to +150 °C (≥ 1000 h)

Specifications

Electrical

Parameter	Value	Condition
AC voltage	400 V	
Contact resistance	≤ 50 mΩ	
Insulation resistance	≥ 1000 MΩ	

Mechanical and environmental

Parameter	Value	Condition
Operating temperature	–60 to +200 °C	PPH25M, ≥ 600 h
Operating temperature	–60 to +150 °C	PPH25AM, ≥ 1000 h
Vibration	1–600 Hz, 10 g	
Shock	12 g, repeated	
Durability	200 mating cycles	

Versions

Series code	Version	Notes
...-1 / -2 / -4	Receptacle: no backshell / straight / 90° unshielded backshell	
...-5 / -7 / -9	Plug: no backshell / straight / 90° unshielded backshell	

Series code	Version	Notes
…-8 / -10	Plug: straight / 90° shielded backshell	
…-11 / -12	Plug: straight / 90° cable-clamp shielded backshell	

Contact layouts

All contacts Ø 2.5 mm. X = chromel, A = alumel, K = nickel-copper.

Contacts	Contact materials	Thread
4	2 X + 2 K, or 2 X + 2 A	M24 × 1.5
7	3 X + 4 K, or 3 X + 4 A	M33 × 1.5
20	10 X + 10 A	M52 × 1.5
26	4 X + 22 A	M52 × 1.5
47	23 X + 24 A, or 35 X + 12 A	M64 × 1.5

Other material combinations on request.

Request a quote or drawing: https://sinoxh.com/request-a-quote/?product=PPH25M