



M12-Plug | **Straight plug for thermocouples with temperature compensation element**

The M12 plug is appropriate for the temperature compensation of the field bus box modules EP3314, IE3312 and IP3312-Bxxx. The plug contains an integrated PT1000 element. The measuring thermo element can be connected through screw terminals in the plug. Over the PT1000 element the temperature will be measured at the transition thermo element on screw terminal. The temperature will be automatically compensated in the module.

Electrical data	ZS2000-3712
Rated voltage	5 pole; 30 V AC / 36 V DC
Compensation	Internal PT1000 for temperature compensation measurement
Insulation resistance	> 10 G Ω
Rated current	4 A
Insulation group	C according to VDE 0110
Mechanical data	
Protection class	IP 67 in screwed condition
Ambient temperature	-25° C ... + 90° C
Materials	
Contact material	CuZn, 2-4 μ m CuSnZn
Contact carrier	TPU
Contact body	PA, self-extinguishing
O-Ring	NBR
Ordering information	Description
ZS2000-3712	M12-Plug, straight plug for thermocouples with temperature compensation element