



Connector for compensating wires

Identification	Series	Part No.		Contact arrangement		Dimensions in mm
		Male inserts	Female inserts	View: termination side		
Screw termination* With wire protection	Han® E					
Crimp termination* Order contacts separately	Han® E					
Crimp termination* Order contacts separately	Han® EE					
Crimp termination* Order contacts separately	Han® Q 5/0					
Crimp termination* Order contacts separately	Han® A					
Identification	Wire gauge mm²	Male inserts	Female inserts	Drawing		Dimensions in mm
Crimp contacts						
Constantan	0.5	09 33 000 6162	09 33 000 6262			
Iron gold plated	0.5	09 33 000 6172	09 33 000 6272			

* For insert dimensions see 'Han Industrial Connectors' Catalogue

Technical Details		Features
Specifications	DIN VDE 0627 DIN VDE 0110	• Connector for temperature control wire • Iron and constantan contacts acc. to DIN IEC 584 Type J • Screw and crimp termination • Mixed loading of thermocouple crimp contacts and standard Han®-E power contacts in one insert is possible • Further combinations with Han-Modular® are possible • Special housings and inserts with crimp termination also for higher ambient temperatures available • Ideal for injection moulding machines
Inserts		
Working current	16 A max.	
Working voltage		
- Han® E	400 V	
- Han® EE	500 V	
- Han® Q 5/0	230/400 V	
- Han® A	250 V	
Degree of pollution	3 (C)	
Insulation resistance	$\geq 10^{10} \Omega$	
Material	Polycarbonate	
Ambient temperature	- 40° ... + 125°C	
Flammability acc. to UL 94	V 0	
Mechanical working life		
- Mating cycles	≥ 500	
Contacts		
Material	Iron, Fe	
Identification acc. to DIN IEC 584	Type J	
Surface	Gold plated	
Contact resistance	$\leq 1 \text{ m}\Omega$	
Crimp termination	0.5 mm ² (AWG 20)	
Screw termination	2.5 mm ² (AWG 14)	
- Starting/testing torque	0.5 Nm	
Material	Constantan, CuNi	
Identification acc. to DIN IEC 584	Type J	
Surface	Uncoated	
Contact resistance	$\leq 1 \text{ m}\Omega$	
Crimp termination	0.5 mm ² (AWG 20)	
Screw termination	2.5 mm ² (AWG 14)	
- Starting/testing torque	0.5 Nm	
Housings		
(see 'Han Industrial Connectors' Catalogue)		
Material	Aluminium die cast	
Surface	Powder plated RAL 7037	
Locking element	Steel, zinc plated	
Sealing	NBR	
Ambient temperature	- 40° ... + 125°C	
Degree of protection acc. to DIN 40 050 in locked position	IP 65	