

Datasheet

Thermocouple Terminal Heads & Blocks (Sensor Accessories) -

Terminal heads in cast aluminium, stainless steel or tough ABS plastic + terminal blocks

Terminal Heads:



KNE standard aluminium
455-3801



KNS miniature aluminium
455-3823



KNE standard stainless steel
455-3817



SCH4 moulded ABS
455-3845

- Thermocouple connection heads
- Cast aluminium, stainless steel or tough ABS plastic
- Base probe entry – KNE & SCH4 models have 1/2" BSP, KNS has 1/8" BSP
- Side cable entry – KNE & SCH4 models have M20 x 1.5mm, KNS has M16 x 1.5mm Plated brass cable entry gland where fitted, B head has PG16.
- B head has a Pressed steel lid retained by 2 plated screws
- Optional terminal blocks (see below)
- KNS head supplied with 4-way ceramic block
- All IP67 rated, apart from B head which is rated to IP66.



B Head
804-8003

Head Type	Miniature/ Standard	Material/ Finish	Probe entry	Cable entry	Cable gland	Block fixings (centres)	Block supplied	Max temp.*	Allied code	RS order code
KNE	Standard	Aluminium/ silver painted	1/2" BSPP	M20x1.5mm	Yes	33mm & 40mm	No	170°C	70644336	455-3801
KNS	Miniature	Aluminium/ silver painted	1/8" BSPP	M16x1.5mm	Yes	27mm	Yes	170°C	70644338	455-3823
KNE/SS	Standard	316 S/Steel	1/2" BSPP	M20x1.5mm	Yes	33mm & 40mm	No	170°C	70644337	455-3817
SCH4/ABS	Standard	ABS Plastic	1/2" BSPP	M20x1.5mm	No	33mm & 40mm	No	70°C	70644340	455-3845
B	Standard	Aluminium/ die-casting	1/2" BSPP	PG16	Yes	33mm	No	100°C	70654837	804-8003

*Max temp limited to temperature rating shown by virtue of sealing ring

Terminal Blocks:



'K' 2 way 455-3902



'K' 4 way 455-3867



'J' 2 way 455-3895



'J' 4 way 455-3851



'CU' 4 way 455-3889



4 way ceramic 455-3918



4 way ceramic spring loaded 455-3946



6 way ceramic 455-3924



3 way ceramic 455-3839

- Thermocouple and platinum resistance thermometer connection blocks
- Plastic (200°C) or high temperature ceramic types
- Plastic in IEC colour coded thermocouple types K or J with true thermocouple alloy contacts to reduce potential junction errors
- Plastic version in white available with uncompensated copper contacts
- Ceramic types in natural finish with plated uncompensated contacts

Block Type	No. of ways	Material/ Colour finish	Block diameter	Block fixings (centres)	Suits Din B	Terminal Type	Fits head type	Allied code	RS order code
'K'	2 way	Plastic Green	42mm	33mm	Yes	Screw	KNE & SCH4	70644345	455-3902
'K'	4 way	Plastic Green	42mm	33mm	Yes	Screw	KNE & SCH4	70644342	455-3867
'J'	2 way	Plastic Black	42mm	33mm	Yes	Screw	KNE & SCH4	70644344	455-3895
'J'	4 way	Plastic Black	42mm	33mm	Yes	Screw	KNE & SCH4	70644341	455-3851
'CU'	4 way	Plastic White	42mm	33mm	Yes	Screw	KNE & SCH4	70644343	455-3889
Ceramic	4 way	Ceramic Natural	42mm	33mm	Yes	Screw	KNE & SCH4	70644346	455-3918
Ceramic (spring loaded)	4 way	Ceramic Natural	42mm	33mm	Yes	Solder	KNE & SCH4	70644348	455-3946
Ceramic	6 way	Ceramic Natural	50mm	40mm	No	Screw	KNE & SCH4	70644347	455-3924
Ceramic	3 way	Ceramic Natural	34mm	27mm	No	Screw	KNS	70644339	455-3839