

Immersion Lances

Positherm® thermocouples may be dipped either by means of an appropriate hand lance (Fig. 1) or an automated lance. For quick and easy change of the lower part of automated lances including contact block and probe holder, Heraeus Electro-Nite developed the Quick Connecting Lance system (Fig. 2).

A large range of ready-made manual immersion lances, straight or bent, can be supplied to suit customer's needs. Components may be ordered separately (see hardware list).

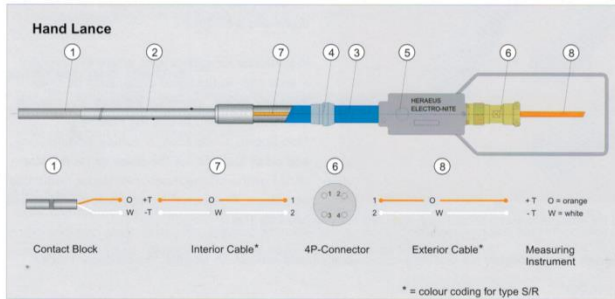


Fig. 1

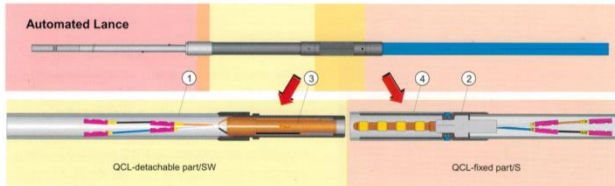


Fig. 2

ORDERING INFORMATION POSITHERM® FOR CLOSE-UP MEASUREMENTS

Calibration	Part number
Pt 10% Rh / Pt	NS 1003F
Pt 13% Rh / Pt	NS 1303F

Packing: 300 units / box
Cardboard tube, 300 mm long: OP 290722
Packing: 50 units / box

HAND LANCE HARDWARE AND ACCESSORIES

1. Contact block Compensated for type R and S thermocouples Non-compensated for type B thermocouples	LC 33016045 LC 33016046
2. Probe holder Nominal length:	RM 33016004 RM 33016006 RM 33016008 RM 33016010 RM 33016012 RM 33016014 RM 33016017 RM 33016062 RM 33016063
3. Extension pipe 3/4" dia. (length to suit application)	RM 33016023
4. Arrest ring for oversleeves	RM 33016040
5. Handle (without end connector)	LC 33016076
6. 4P-connector (male and female part)	LC 33016075
7. Interior cable (mineral insulated, 2-conductor) Compensated (Cu-CuNi) Non-compensated (Cu-Cu)	LC 33024006 LC 33024014
8. Exterior cable (Neptra / Neptra insulated, 2-conductor) Compensated (Cu-CuNi) Non-compensated (Cu-Cu)	LC 33024002 LC 33024015

QUICK CONNECTING LANCE HARDWARE

1+3 Detachable part / SW with female connector (for type S/R) Detachable part / SW with female connector (for type B)	LC 24016001 LC 24016012
2+4 Fixed part / S with male contact block (for type S/R) Fixed part / S with male contact block (for type B)	LC 24016000 LC 24016011
3. Female connector for type S/R Female connector for type B	LC 24016006 LC 24016014
4. Contact block for type S/R Contact block for type B	LC 24016005 LC 24016013

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