2 Thread Thermowell and 2 Thread Thermocouple
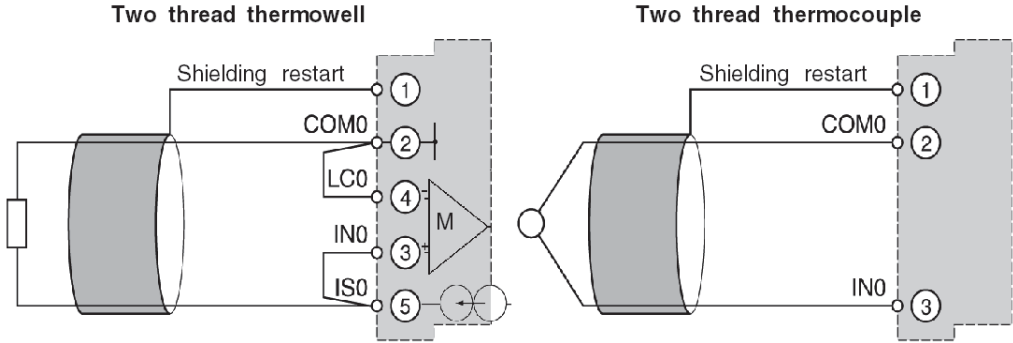
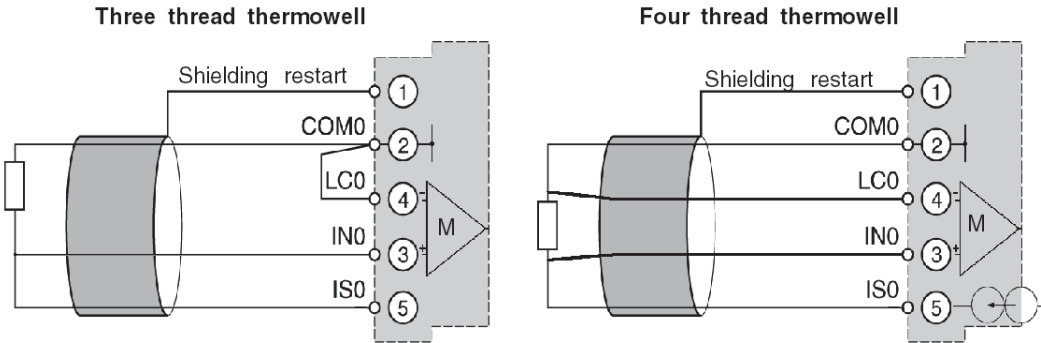Wiring example for a 2 thread thermowell and a 2 thread thermocouple on channel 0:

Two thread thermowell **Two thread thermocouple**

M   Measurement

3 and 4 Thread Thermowells

Wiring example for 3 and 4 thread thermowells on channel 0:

Three thread thermowell **Four thread thermowell**

M   Measurement

NOTE: The module TSX AEY 414 was not designed to interface with the three thread Pt100 probes (no compensation effect), but it is nevertheless possible to connect this type of probe according to the diagram above. The precision obtained is therefore the same as in a 2 thread installment.
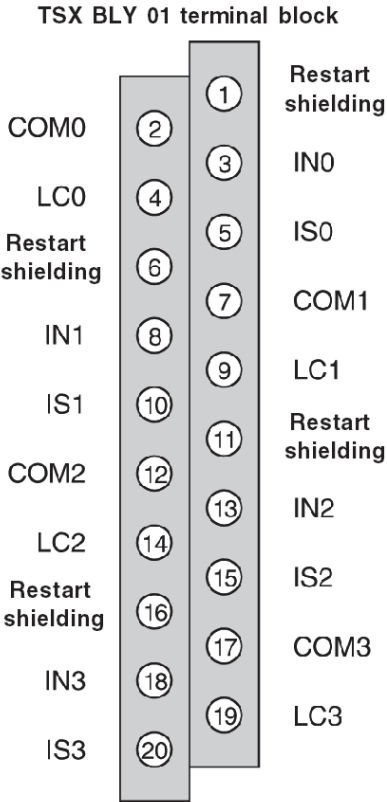
TSX AEY 414 Screw Terminal Block TSX BLY 01

At a Glance

The module TSX AEY 414 is connected using the screw terminal block TSX BLY 01.

Terminal Block Pins

The connections of theTSX BLY 01 screw terminal block are shown below:

TSX BLY 01 terminal block

	① Restart shielding
COM0 ②	
	③ IN0
LC0 ④	
	⑤ IS0
Restart shielding ⑥	
	⑦ COM1
IN1 ⑧	
	⑨ LC1
IS1 ⑩	
	⑪ Restart shielding
COM2 ⑫	
	⑬ IN2
LC2 ⑭	
	⑮ IS2
Restart shielding ⑯	
	⑰ COM3
IN3 ⑱	
	⑲ LC3
IS3 ⑳	

INx + Pole input of channel x
COMx - Pole input of channel x
ISx + Pole supply of the probe
LCx Line compensation