

TEMPERATURE SWITCHES

Sr#	Description	Qty
1	<u>Temperature Switches</u> <ul style="list-style-type: none">• Temperature Range: +20 to 230°C• Model No. 414.91-24-121-27-91-L3000-81 or Equivalent• Make: Trafig, Switzerland or Equivalent• Please refer to the attached technical specifications for further details	8
2	<u>Temperature Switches</u> <ul style="list-style-type: none">• Temperature Range: -10 to 25°C• Model No. 414.91-07-121-27-91-L3000-81• Make Trafig, Switzerland or Equivalent• Please refer to the attached technical specifications for further details	2
<u>Notes:</u> <ol style="list-style-type: none">a. Technical literature of the offered items must be provided with the quotation.b. Make and country of origin of the offered items should be mentioned in the quotation.		

Specification for Temperature Switches

1. Quantity Required: 08 Nos.
Make: Trafag (Switzerland)
Serial: Industat
Model No. 414.91-24-121-27-91-L3000-81

2. Explanation of Model:

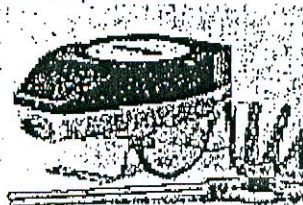
414: Type
91: Micro switch Fixed switching Differential
24: Temperature Range +20~230 °C
121: Capillary dia 7mm, Sensor length 86mm, material Stainless Steel
27: Fixing for remote sensing version
91: Flexible metal tube for Capillary
L3000: Capillary tube Length 3000 mm
81: Capillary Locking nut assembly G3/8"
Capillary Tube: Armored Capillary tube is required
Out put: Floating change-over contact
Switching differential: Fixed (8.0 °C)
Repeatability Sensor: ± 0.5 % FS Type
Stability: ± 1.0 % FS Type
Scale: ± 2.0 % FS Type
Housing: ALSi9Cu3, Coated
Cable Gland: M20x1.5/WS22
Terminal Screw: 3x2.5 mm²
Protection Class: IP-65
Type of Protection: EExd IIC T6

3. Detail along with quotation:

- i. Thermo well is not required
- ii. Armored Capillary tube is required
- iii. Armored Material SS316
- iv. **Quotation without Armored capillary will be rejected.**
- v. Technical Literature in English is required
- vi. C&F value should be mentioned in quotation.
- vii. Quotation will be rejected without technical literature.

4. Detail along with supply:

- i. All wetted part must compliance with NACE MR-01-03
- ii. Technical literature, maintenance & installation manuals are required in English.
- iii. Recommended maintenance schedule [Preventive (PM), Predictive (PDM,)] by vendor in English is required.
- iv. Warranty Certificate is required.



PHX NO. 1

Specification for Temperature Switches

1. **Quantity Required:** 02 Nos.
- Make:** Trafag (Switzerland)
Serial: Industat
Model No. 414.91-07-121-27-91-L3000-81
2. **Explanation of Model:**
- 414: Type
91: Micro switch Fixed switching Differential
07: Temperature Range -10~25 °C
121: Capillary dia 7mm, length 86mm, material Stainless Steel
27: Fixing for remote sensing version
91: Flexible metal tube for Capillary
L3000: Capillary tube Length 3000 mm
81: Capillary Locking nut assembly G3/8"
Capillary Tube: Armored Capillary tube is required
- Out put:** Floating change-over contact
Switching differential: Fixed (8.0 °C)
Repeatability Sensor: ± 0.5 % FS Type
Stability: ± 1.0 % FS Type
Scale: ± 2.0 % FS Type
Housing: ALSi9Cu3, Coated
Cable Gland: M20x1.5/WS22
Terminal Screw: 3x2.5 mm²
Protection Class: IP-65
Type of Protection: EExd IIC T6
3. **Detail along with quotation:**
- i. Thermo well is not required
 - ii. Armored Capillary tube is required
 - iii. Armored Material SS316
 - iv. **Quotation without Armored capillary will be rejected.**
 - v. Technical Literature In English is required
 - vi. C&F value should be mentioned in quotation.
 - vii. Quotation will be rejected without technical literature.
4. **Detail along with supply:**
- i. All wetted part must compliance with NACE MR-01-03
 - ii. Technical literature, maintenance & installation manuals are required in English.
 - iii. Recommended maintenance schedule [Preventive (PM), Predictive (PDM,)] by vendor in English is required.
 - iv. Warranty Certificate is required.

