

TEMPERATURE SWITCHES

Sr#	Description	Qty
1	<u>Temperature Switches</u> <ul style="list-style-type: none">• Temperature Range: +20 to 230°C• Make: Trafig Switzerland or equivalent• Model: 414.91-24-121-27-91-L3000-81 or equivalent• Please refer to the detailed technical specifications document for further details	8
2	<u>Temperature Switches</u> <ul style="list-style-type: none">• Temperature Range: -10 to +25°C• Make: Trafig Switzerland or equivalent• Model: 414.91-07-121-27-91-L3000-81 or equivalent• Please refer to the detailed technical specifications document for further details	2
<u>Notes:</u> <ol style="list-style-type: none">Technical literature of the offered items must be submitted with the quotation.Please confirm the following with the quotation:<ol style="list-style-type: none">Thermowell is not requiredArmored capillary tube is requiredArmored material is SS-316All wetted parts must be NACE MR-01-03 compliant		

Specification for Temperature Switches

1. Quantity Required: 08 Nos.

Make: Trafag (Switzerland), *or equivalent*
Serial: Industat
Model No. 414.91-24-121-27-91-L3000-81
or equivalent

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"

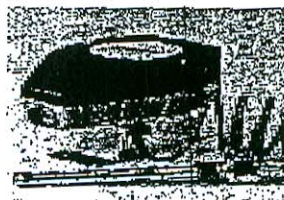
Out put: Floating change-over contact
Switching differential: Fixed (8.0 °C)
Repeatability Sensor: ± 0.5 % FS Type
Stability: ± 1.0 % FS Type
Scale: ± 2.0 % FS Type
Housing: ALSi9Cu3, Coated
Cable Gland: M20x1.5/WS22
Terminal Screw: 3x2.5 mm²
Protection Class: IP-65
Type of Protection: EExd IIC T6

3. Detail along with quotation:

- Thermo well is not required
- Armored Capillary tube is required
- Armored Material SS316
- Technical Literature In English is required
- C&F value should be mentioned In quotation.
- Quotation will be rejected without technical literature.

4. Detail along with supply:

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



Specification for Temperature Switches

1. Quantity Required: 02 Nos.

Make: Trafag (Switzerland) *or equivalent.*
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"

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. Technical Literature in English is required
- v. C&F value should be mentioned in quotation.
- vi. 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.

