



ASTER  
INSTRUMENTS

# Universal Process Indicator

API-9000 FLP Series



- ✓ Universal Process Input
- ✓ Jumper less Input Selection
- ✓ Microprocessor based Design
- ✓ 0.1 % Accuracy of FSD
- ✓ Transmitter Loop Power Supply with Current Limit as per standard

standard  
with Current Limit as per  
Transmitter Loop Power Supply  
0.1 % Accuracy of FSD  
Microprocessor based Design  
Jumper less Input Selection

**TECHNICAL SPECIFICATION :-****INPUT :****ACCURACY :****COMMUNICATION :****TRANSMITTER****POWER SUPPLY****POWER**

TYPE	RANGE
1) RTD –PT 100	-99 TO 400 'C
2) RTD.1 –PT 100	-99.9 TO 400.0 'C
3) J T/C	0 TO 750 'C
4) K T/C	0 TO 1200 'C
5) R T/C	0 TO 1750 'C
6) S T/C	0 TO 1750 'C
7) 4-20mA	- 999 to 9999
8) 0-10 VDC	- 999 to 9999
9) PT – 1000	-99.9 TO 400.0 'C

0.25 % ON FSD for RTD AND T/C

+/- 0.1 % of span for linear (4-20mA / 0-10V)

RS-485 MODBUS (OPTIONAL)

24 V DC @ 30 mA max, isolated from INPUT &amp; OUTPUT

- 1) 90-300 VAC/VDC SMPS
- 2) 24VDC (OPTIONAL)

ORDERING CODE :

API-9000

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INPUT TYPE :

TYPE	RANGE
0) _Universal Input( Below All)	
1) RTD -PT 100	-99 TO 400 'C
2) RTD.1 -PT 100	-99.9 TO 400.0 'C
3) J T/C	0 TO 750 'C
4) K T/C	0 TO 1200 'C
5) R T/C	0 TO 1750 'C
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8) 0-10 VDC	- 999 to 9999
9) PT - 1000	-99.9 TO 400.0 'C

POWER SUPPLY :

0	85-275 VAC
1	24 VDC

TRANSMITTER POWER SUPPLY

0	NOT APPLICABLE
1	24V DC(30 mA ) Isolated

COMMUNICATION (OPTIONAL):

0	NOT APPLICABLE
1	RS-485 (MODBUS)



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