

PROCESS SCANNER

PROSCAN - μ CN7000



SALIENT FEATURE

TEMPERATURE SCANNER

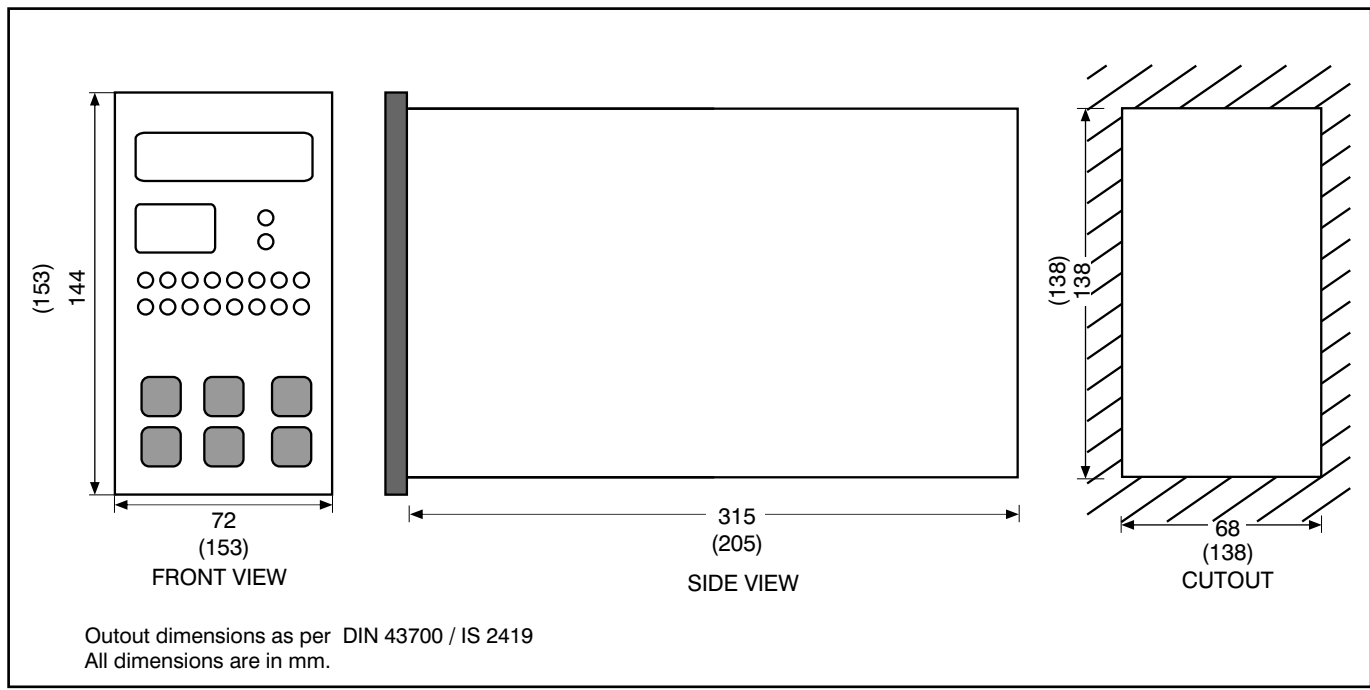
- Universal / dedicated inputs
- 4 digit display for process value
- 2 digit display for channel number
- 8 or 16 channels
- Open sensor indication
- Channel skip facility
- PC communication RS 232 / RS 485 (MODBUS RTU protocol)

MODBUS RTU

- 8 or 16 channels
- Universal / dedicated inputs
- PC communication RS 232 / RS 485 (MODBUS RTU protocol)
- Fully configurable from PC
- Calibration possible from PC

TECHNICAL SPECIFICATIONS:

Input	: Universal (Configurable from below)
	(a) Current : 4 to 20 mA. / 0 to 20 mA
	(b) Voltage : 1 to 5 Volts / 0 to 5 Volts
	(c) RTD : PT-100 3 Wire
	(d) ThC : J,K,R,S,T,E,B (ANSI Standard)
No. of channel	: 8 or 16 nos.
Display	: (i) 4 digit; 7 segment, 0.5" LED for process variable (ii) 2 digit, 7 segment, 0.5" LED for channel number (iii) Individual discreet LED's to indicate Alarm status
Scanning time	: Auto / Manual facility available
Display update	: 01 TO 99 Seconds / Channel (Programmable)
Range	: Programmable (Please specify)
Accuracy	: Better than $\pm 0.25\%$ of FSD.
Alarms	: 2 Nos. common to all channels (Programmable)
Relays rating	: 5 A @ 230 V AC resistive load
Hysteresis	: Programmable at 0.5%, 1%, 2% & 3%
PC communication	: RS 232 / RS 485 (MODBUS RTU Protocol) Optional
Configuration	: Instrument is fully configurable from front 6 key pads under software programming modes
Supply	: 230 V AC / 110 V AC, $\pm 10\%$, 50 Hz, Single Phase
Power consumption	: 6 to 8 Watts
Operating temp.	: 5 to 50 °C.
Humidity	: 90% max. Non-condensing
Mounting	: Panel
Cut out	: (a) 138 X 68 (H X W) in mm (b) 138 X 138 (H X W) in mm - Optional
Dimensions	: Bezel size: (a) 144 X 72 X 315 (H X W X D) in mm (b) 153 X 153 X 205 (H X W X D) in mm - Optional
Weight	: 3 Kg.(Approx.)



Ordering information

Order Code:	(XX....X)	XX	XX	XX	X	X	XX	(XX....X)
Model	Proscan μ CN 7000 Modbus RTU							
Input	0/4 to 20 mA 0/1 to 5 Volts RTD PT 100, 3- Wire ThC (All types) Universal	10 20 30 40 50						
No of channels	Eight (8) Sixteen (16)		08 16					
Alarms	None 2 Alarms Winding Bearing(6 + 2)			0A 2A WB				
PC Communication	None RS 232 RS 485				0 2 4			
Supply	110 V AC, \pm 10%, 50Hz, Single phase 230 V AC, \pm 10%, 50Hz, Single phase					1 2		
Enclosure/ Mounting	Panel Explosion Proof						P EX	
Range	Specify range and engg. unit for calibration.....							
Sample order code	Proscan μ CN 7000	10	08	0A	0	1	P	-50 to 600 °C

Specifications mentioned in this datasheet are subject to change without prior notice due to continuous up-gradation of products.

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Doc. Id.: Ver 1/ DS-SCAN 001