

# Data sheet

|                                   |                                                                                                                                                                                                       |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display method                    | 6-digit 7-segment LED                                                                                                                                                                                 |
| Operation method                  | Counter: Count up, Count down, Count up/down<br>Timer: Count up, Count down                                                                                                                           |
| Terminal                          | Terminal block                                                                                                                                                                                        |
| Output Operation                  | SIGNAL ON DELAY, POWER ON DELAY, FLICKER, INTERVAL, SIGNAL OFF DELAY, ON-OFF DELAY, INTEGRATION TIME                                                                                                  |
| Power supply                      | 100-240VAC~ 50/60Hz                                                                                                                                                                                   |
| Time operation                    | POWER ON START<br>SIGNAL ON START                                                                                                                                                                     |
| External Power Supply             | Max. 12VDC $\pm 10\%$ , 100mA                                                                                                                                                                         |
| Signal Input Method               | Voltage input(PNP), No-voltage input(NPN)                                                                                                                                                             |
| Max. Counting Speed               | 1, 30, 1k, 5k, 10k [cps]                                                                                                                                                                              |
| Min. signal Width                 | 1ms/20ms                                                                                                                                                                                              |
| Memory Protection                 | Approx. 10 years                                                                                                                                                                                      |
| Setting range                     | 0.001 sec to 9.999 sec, 0.01 sec to 99.99 sec, 0.1 sec to 999.9 sec, 1 sec to 9999 sec, 1 sec to 99 min 59 sec, 0.1 min to 999.9 min, 1 min to 9999 min, 1 min to 99 hour 59 min, 1 hour to 9999 hour |
| Control output_Type               | 2-stage preset                                                                                                                                                                                        |
| Control output_Relay              | SPST (1a): 1, SPDT (1c): 1                                                                                                                                                                            |
| Control output_NPN open collector | 3                                                                                                                                                                                                     |

|                                 |                                                        |
|---------------------------------|--------------------------------------------------------|
| Protection structure            | IP65(front panel)                                      |
| Counter_Counting range          | -99999 to 999999                                       |
| Counter_Scale                   | Decimal point up to fifth digit                        |
| Counter_Min. input signal width | RESET: Selectable 1ms/20ms                             |
| Timer_Min. input signal width   | INA, RESET, INHIBIT, BATCH, RESET: Selectable 1ms/20ms |
| Environment_Ambient temperature | -10 to 55°C, storage: -25 to 65°C                      |
| Environment_Ambient humidity    | 35 to 85% RH, storage: 35 to 85% RH                    |
| Weight                          | Approx. 322g (approx. 252g)                            |

※It is recommended to use Autonics communication converter; SCM-WF48 (Wi-Fi to RS485·USB wireless communication converter, sold separately), SCM-US48I (USB to RS485 converter, sold separately), SCM-38I (RS232C to RS485 converter, sold separately), SCM-US(USB to Serial converter, sold separately). Please use twisted pair wire for RS485 communication.

※The weight includes packaging. The weight in parenthesis is for unit only.

※Environment resistance is rated at no freezing or condensation.