Digital Display Menu Operation

2 line without alarm set and logic set function

5U — Set the alarm value
80.00 SU-H — up limit alarm value
30.00 SU-L — low limit alarm value
30.00 SU-d — deviation set value
FUN — alarm logic set

LA-A FUN — Lower limit alarm is the logical default LA-A
LA-C FUN — low limit alarm reverse logic
HA-A FUN — Upper limit alarm is the logical default HA-A
HA-C FUN — up limit alarm reverse logic

66.9 2.3 — Normal display
Press SET
2000 LOCK — Check code
Press SET Incorrect code nr

Press SET clean accumulated flow and back to normal display

Function 1
1. Clear cumulative flow
2. Set measuring scope and decimal point
3. Set engineer code nr.

Press +/− Check code
2000 LOCK — Engineer code nr Original 2000
Press SET correct
no CLr rOF — Cumulative flow clear operation
Press+ YES CLr rOF
Press+ no CLr rOF
Press SET Accumulated flow is unclear
SSC — Range calibration
Press −
0.0 Po.n — decimal point position set for Instant flow, can be adjusted by press −/+
Press SET
0.0 rPo.n — decimal point position set for accumulated flow, can be adjusted by press −/+, the preserved decimal digits for accumulated flow shall be less than instant flow.

CP57 U-4.11 — with alarm function, showing software version series nr.
CP57 U-4.01 — 2 line system showing software version series nr.
CP57b U-4.0 — Battery type, showing software version series nr.

CP57 U-4.12 — With batch processing Showing software version nr
CP58 U-1.0 — ModBus Showing software version nr
CP58H U-1.0 — Hart Showing software version nr

Er-1 — Calibration error, re-set again

66.7 3.0
-OH- — Calibration correct, save set
2000 SECrEF — Code set, can be adjust by press −/+, but cannot be same original code, acquiesce code 2000
Press SET
100.0 SPAN — Measuring range display can be adjusted by press −/+, the value will higher than zero
Press SET
0.0 2Ero — Zero value can be adjusted by press −/+, zero value is less than measuring range
Press SET

Press SET key will not be sample calibration, will be current calibration

Function 2:
1. sample Current calibration
2. current calibration 4-20mA

Press +/− Check code
2008 LOCK
Press SET
no AdCAL — Sample calibration
Press+ YES AdCAL
Press SET
6735 Ad 00 — For zero point calibration, to make the sensor in zero point position, the display value will be sample value
Press + to skip zero point calibration
Press SET
8735 Ad 10 — For 10% point calibration, to make the sensor in 10% point position, the display value will be sample value, the same procedure with next step
Press + key to skip 10% for calibration
Press SET
37437 Ad 100 — For full scope calibration, to make the sensor in full scope point position, the calibration can be recycled by press +
press − key, not save calibration value
Press SET
2791 dAF 20 — For current 20 mA calibration, the current output can be adjusted by press +/−key, to meet the value 20 mA
Battery no current calibration function
Press SET
4.1 dAF 4 — For current 4 mA calibration, the current output can be adjusted by press +/−key, to meet the value 4 mA
Press SET
-OH- — Calibration completed, and save the set.

Function 3:
1. Small signal resection set
2. Damping, filtering set
3. Batch processing function set

Press +/− Check code
3018 LOCK
Press SET
80 Cur OFF — Small signal resection set, 80 means 8% resection, can be adjusted by press +/−, scope from 0-300, the default value is 80
Press SET
1 dANP — Damping time set, range 1-10, acquiesce value 1
Press SET
1 FILFEr — Filtering set, range 1-10, acquiesce value 1
SET
5.0 bAFCH — To set accumulated value for each batch, can be adjusted by press
SET
no bAFCHCLr — Accumulated, no reset
Press+
YES bAFCHCLr — Accumulated with reset
SET
-OH- — Save SET
Press SET
66.7 3.0 — Back to normal display
66.7 3.0 — Level height display

Function 4:
Data recovery

Press +/− Check code
1018 LOCK
Press SET
no rESEF
Press+ YES rESEF
Press SET
-OH-
66.7 3.0 — Normal display
To make data back operation

★when No in option, press SET direct back to normal display

Function 5:
Data backup

Press +/− Check code
61018 LOCK
Press SET
no SEF
Press+ YES SEF
Press SET
-OH-
66.7 3.0 — Normal display
Data backup operation

PrOF — Write protection
Er-2 — Main memory error, need to write main memory again, put PROTECT pointer short-circuit, then can make data backup

Function 6:
Set lower computer address, Hart and Modbus communication

Press +/− Check code
5018 LOCK
Press SET
0 Id — Set lower level computer address; Hart (0-15) ModBus (1-32)
Press SET
1 UN.rS — Current unit set code (ModBus without this function) 0-l/h 1-m³/h 2-t/h 3-Nm³/h 4-kg/h
Press SET
-OH-
365.2 45980.0 — Normal display

instant flow display
With upper, lower limit alarm color tap display
accumulated flow display
10.2 Nm³/h
37.5 Nm³
+key SETkey −key
Battery power display Change the battery when color tap is one grade left or no grade