

KILTEL SYSTEMS, INC.

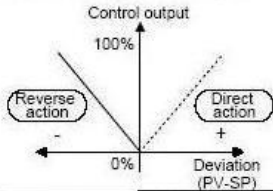
Yokogawa UT350/550 RS485 communications setup for Kitel

Parameter Symbol	Name of Parameter	Setting Range and Description	Initial Value	Kitel
P.SL (P.SL)	Protocol selection	0: PC link communication 1: PC link communication (with sum check) 2: Ladder communication 3: Coordinated master station 4: Coordinated slave station 7: MODBUS (ASCII) 8: MODBUS (RTU) 10: Coordinated slave station (loop-1 mode) 11: Coordinated slave station (loop-2 mode) (10, 11: When the master station is in dual-loop control, the slave station selects either of the loops to be controlled.)	0	0
bPS (BPS)	Baud rate	0: 600, 1: 1200, 2: 2400, 3: 4800, 4: 9600 (bps)	4	4
P.rI (PRI)	Parity	0: None 1: Even 2: Odd	1	0
StP (STP)	Stop bit	1, 2	1	1
dLn (DLN)	Data length	7, 8; Fixed at 7, when the P.SL parameter is set to MODBUS (ASCII). Fixed at 8, when the P.SL parameter is set to MODBUS (RTU) or Ladder Communication.	8	8
Adr (ADR)	Address	1 to 99 However, the maximum number of stations connectable is 31.	1	2-99

Parameter Symbol	Name of Parameter	Setting Range and Description	Initial Value
In (IN)	PV input type (PV INPUT terminals) ① - ② - ③ terminals	OFF (0), 1 to 18, 30, 31, 35 to 37, 40, 41, 50, 51, 55, 56 See "Instrument Input Range Codes" in "2. Initial Settings."	OFF (0)
Unit (UNIT)	PV input unit	°C (0): Degree Celsius °F (5): Fahrenheit - (2): No unit (This parameter is not shown for voltage input.)	°C (0)
rH (RH)	Max. value of PV input range	Set the PV input range, however RL < RH - Temperature input Set the range of temperature that is actually controlled.	Max. value of instrument input range
rL (RL)	Min. value of PV input range	- Voltage input Set the range of a voltage signal that is applied. The scale across which the voltage signal is actually controlled should be set using the parameters Maximum Value of PV Input Scale (SH) and Minimum Value of PV Input Scale (SL).	Min. value of instrument input range
SDP (SDP)	PV input decimal point position (displayed at voltage input)	0 to 3 Set the position of the decimal point of voltage-mode PV input. 0: No decimal place 1: One decimal place 2,3: Two, three decimal places	1
SH (SH)	Max. value of PV input scale (displayed at voltage input)	-1999 to 9999, however SL < SH Set the read-out scale of voltage-mode PV input.	100.0
SL (SL)	Min. value of PV input scale (displayed at voltage input)		0.0

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Yokogawa UT350/550 setup for current-loop input from a Setra draft pressure sensor, and current-loop output for an actuator or VFD

Parameter Symbol	Name of Parameter	Setting Range and Description	Initial Value	Kitel
IN (IN)	PV input type (PV INPUT terminals) ① - ② - ③ terminals	OFF (0), 1 to 18, 30, 31, 35 to 37, 40, 41, 50, 51, 55, 56 See "Instrument Input Range Codes" in "2. Initial Settings."	OFF (0)	41
SDP (SDP)	PV input decimal point position (displayed at voltage input)	0 to 3 Set the position of the decimal point of voltage-mode PV input. 0: No decimal place 1: One decimal place 2,3: Two, three decimal places	1	3
SH (SH)	Max. value of PV input scale (displayed at voltage input)	-1999 to 9999, however SL < SH Set the read-out scale of voltage-mode PV input.	100.0	.250
SL (SL)	Min. value of PV input scale (displayed at voltage input)		0.0	-.250
DR (DR)	Direct/reverse action switching	0: reverse action, 1: direct action 	0	1
OT (OT)	Control output type	<ul style="list-style-type: none"> 0 Time proportional PID relay contact output (terminals ①-②-③) 1 Time proportional PID voltage pulse output (terminals ⑩-⑪) 2 Current output (terminals ⑩-⑪) 3 ON/OFF control relay contact output (terminals ①-②-③) 	0	2

