

# PHC10-3 PLUS switch settings

The table below summarises the differences between the switch settings that allow correct configuration of the PHC10-3 PLUS when replacing a PHC10-2:

PHC10-2 switch	PHC10-3 PLUS switch equivalent	Function	UP	DOWN
1	1#	Baud rate		
2	2#	Baud rate		
3	3#	Baud rate		
4	---	---		
5	---	---		
6	4*#	Stop bit	2 stop bits	1 stop bit
7	5*#	CTS protocol	CTS on	CTS off
8	6*#	LF protocol	LF on	LF off
9	9#	Command set	Extended	Basic
10	10	Probe reset time	2 (extended)	1 (standard)
11	7	PPOFF	PPOFF - active during head index	PPOFF - inactive during head index
12	8	HCU2 probe, DAMP and probe reset buttons	Enabled	Disabled
13	---	---	---	---
14	---	---	---	---
15 + 16	12	Output configuration	PICS	DIN
17 + 18	11	Interface connection	PICS or 7 pin DIN operation	5 pin DIN operation only
	13	Probe wire isolation	Machine cable	Multiwire

\* Operational only when basic command set selected (switch 9 down)

# Not required for USB operation default position = down

**NOTE:** Switches 4, 5, 13 and 14 had no function in RS232 PHC10-2. Press the reset switch after making switch position changes to allow the new settings to take effect.

## Baud rate selection

The baud rate is set using switches 1 to 3 as shown below:

BAUD RATE	SWITCH 1	SWITCH 2	SWITCH 3
300	DOWN	DOWN	DOWN
600	UP	DOWN	DOWN
1200	DOWN	UP	DOWN
2400	UP	UP	DOWN
4800	DOWN	DOWN	UP
9600	UP	DOWN	UP
19200	DOWN	UP	UP

**NOTE:** Press the reset switch after making switch position changes to allow the new setting to take effect.

[www.renishaw.com/PHC10-3](http://www.renishaw.com/PHC10-3)



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