

Technical Bulletin 171

Version 1.0 6th October 2016

ION Science MiniPID 2: Update to product range

Following on from the recent introduction of our new long-life PID lamps - now fitted as standard to all PIDs - we have now further enhanced our product range by offering a low voltage variant, thus ensuring our customers remain using the most reliable and consistent PID sensors.

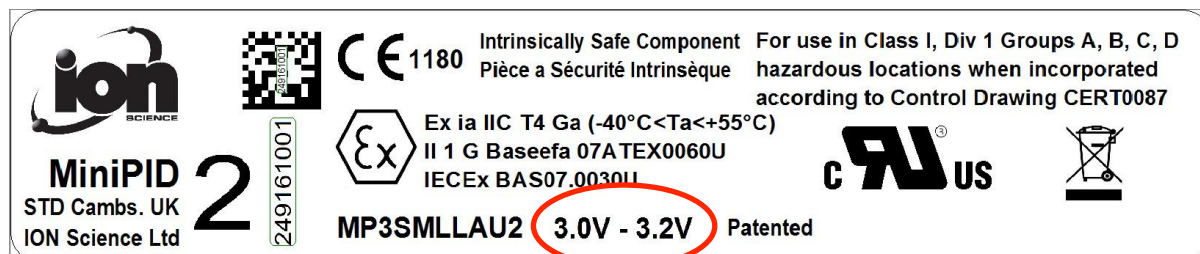
To achieve this, we have split the old 3.0 – 3.6 V MiniPID into two categories:

- Sensors running from 3.0 – 3.2 V
- Sensors running from 3.2 – 3.6 V

For optimal performance the sensor type ordered should match the supply voltage of your application.

Please note there is no difference in performance between these two sensor types. Voltage specific replacement lamps are now offered for replacement to match the particular operational voltage of each MiniPID variant.

To ensure the operating voltage of the sensor is easily identifiable we have included the voltage range on the label:



Part numbers have been updated in accordance with this change as follows:

Spare Lamp range

Product Description	Order Code
Long Life Lamp MiniPID2 10.6 eV (3.0V to 3.2V)	LA4SXL3.0
Long Life Lamp MiniPID2 10.6 eV (3.2V to 3.6V)	LA4SXL3.2
Long Life Lamp MiniPID2 10.6 eV (3.6V to 18V)	LA4SXL3.6

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MiniPID range

Model	Product Description	Supply voltage	Order Code
ppm	ULCSA, ATEX & IECEX	3.0 - 3.2 V unregulated	MP3SMLLAU2
	ULCSA, ATEX & IECEX	3.2 - 3.6 V unregulated	MP3SMLLBU2
	ATEX & IECEX	3.6 - 10 V regulated	MP3SMLLCU2
	non-certified	3.6 - 18 V regulated	MP3SMLLNU2
ppb	ULCSA, ATEX & IECEX	3.0 - 3.2 V unregulated	MP3SBLBAU2
	ULCSA, ATEX & IECEX	3.2 - 3.6 V unregulated	MP3SBLBBU2
	ATEX & IECEX	3.6 - 10 V regulated	MP3SBLBCU2
	non-certified	3.6 - 18 V regulated	MP3SBLBNU2
10 eV	ULCSA, ATEX & IECEX	3.0 - 3.2 V unregulated	MP3SBL0AU2
	ULCSA, ATEX & IECEX	3.2 - 3.6 V unregulated	MP3SBL0BU2
	ATEX & IECEX	3.6 - 10 V regulated	MP3SBL0NU2
	non-certified	3.6 - 18 V regulated	MP3SBL0NU2

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