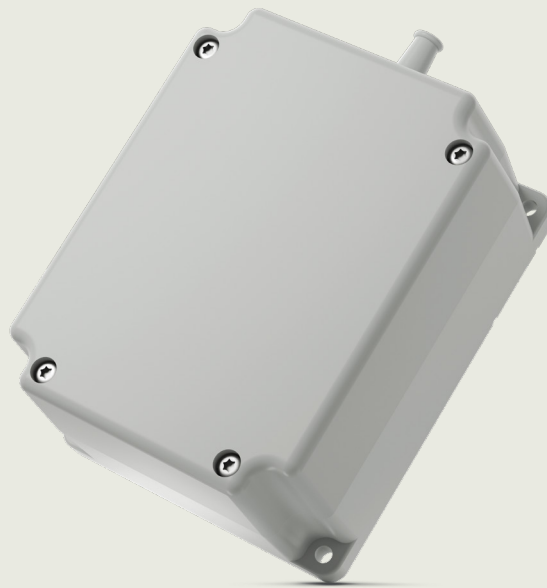


Battery Box BA18

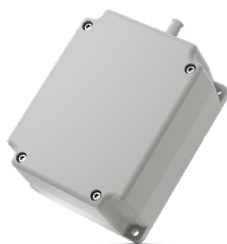
Data Sheet



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Introduction



The BA18 is a cost-effective lead acid battery without integrated charger that can be used in combination with CO53 and with the long-established control box range, of which many are now legacy products.

Easy replacement of the battery due to plug connection towards the control box.

The battery is equipped with a venting membrane placed on the back side of the battery. The membrane permits battery gasses to escape but does not permit penetration of water.

Features and options

Fixed straight cable in variable lengths with DC plug 5.5X2.5 (Max. length = 1.3 m)

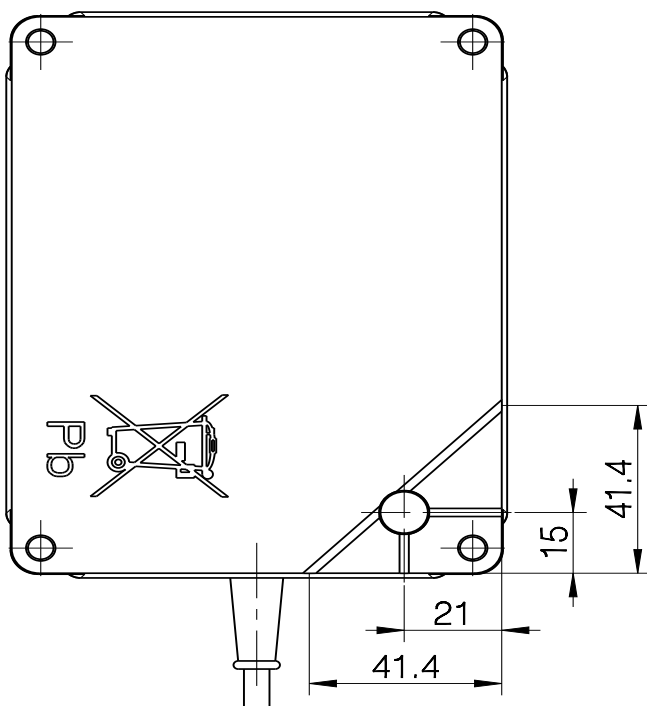
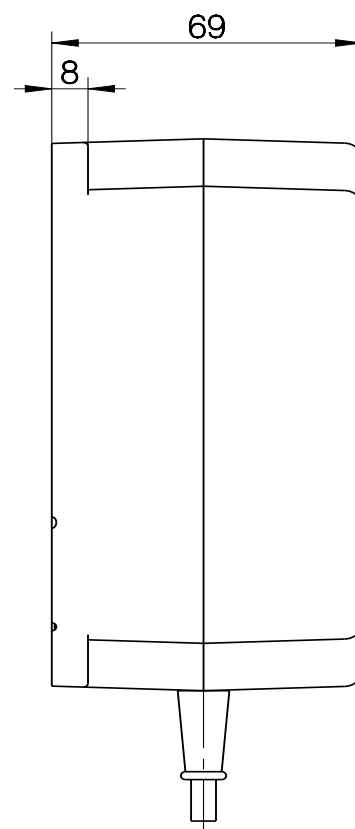
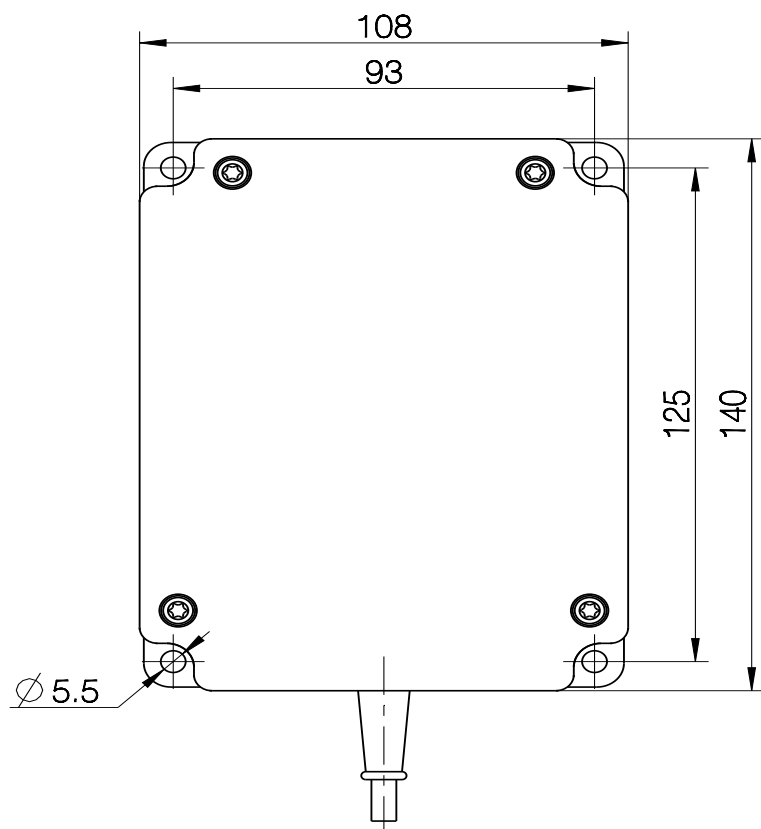
Capacity:	1.3 Ah 24V
Weight:	1250 g
Charging current:	Max. 500 mA
Protection class:	IPX6, IPX5 or IPX1
Colour:	Light grey (RAL 7035) or black (RAL 9005)

Usage

Compatibility:	CO53, CB6P2 Legacy products: CB6, CB7, CB9, CB12, CB14, CB18, CB6S NOTE: (only specific versions may be compatible)
Ambient temperature:	+5 °C to +40 °C
Charging:	Via LINAK control box with integrated charging circuit
Charging time:	Approx. 6 hours depending on built-in control box charger
Recharging during storage:	Battery recharging no later than 6 months after production date stated on the label
Operating temperature:	+5 °C to +40 °C
Storage temperature:	-10 °C to +50 °C
Relative humidity:	20% to 80% non-condensing
Atmospheric pressure:	700 to 1060 hPa
Meters above sea level:	Max. 3000 meters
Approvals:	IEC60601-1 ANSI/AAMI ES60601-1 CAN/CSA-22.2 No 60601-1



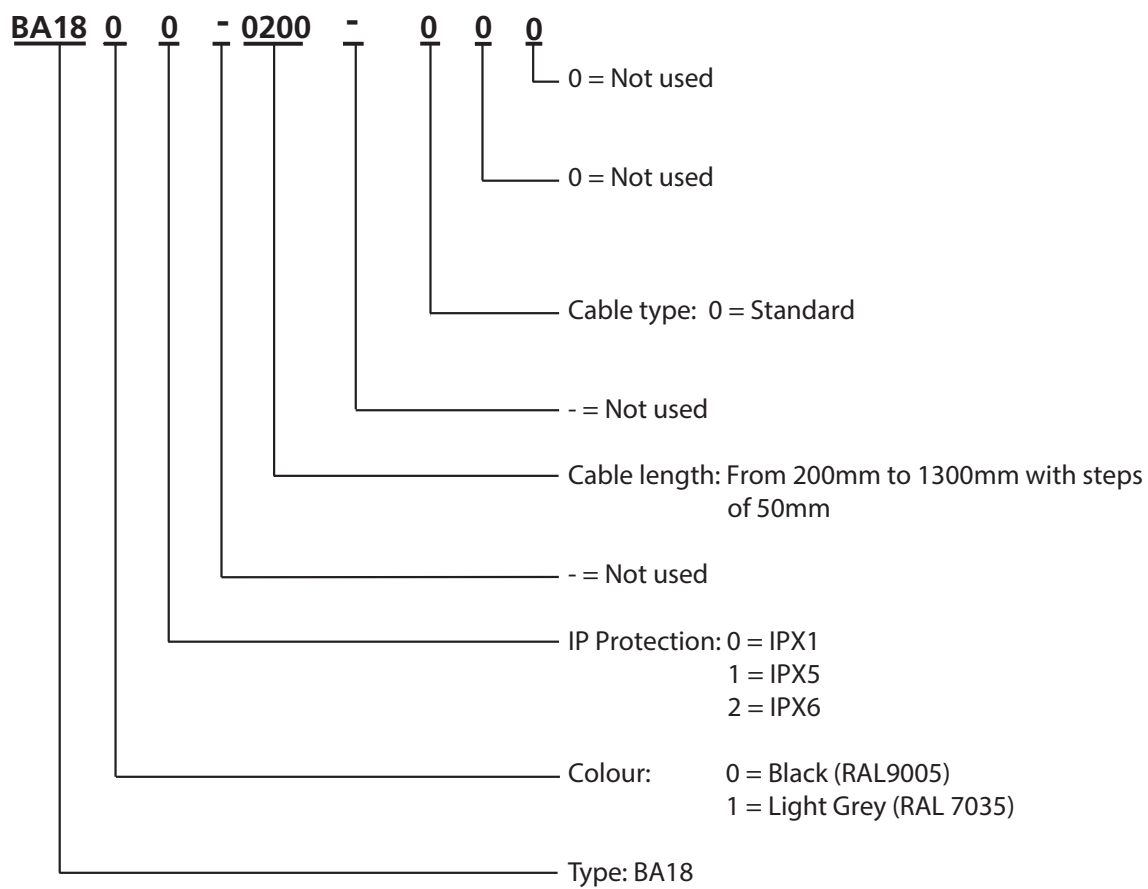
Dimensions



Drawing no.: BA18002D



Ordering example



Approvals and certifications

For approval documentation, LINAK recommends specifying the product type instead of individual item numbers to ensure broader approval coverage and simplify future product changes.

Listed LINAK item for application approval: BA18

If this is not possible, we advise being as non-specific as possible when specifying LINAK products in your approval application:

Listed LINAK item for application approval: BA18*SS****S*SS

" * " is not safety critical and we recommend including a non-specific signifier such as an asterisk.

" S " is safety critical and represents a listed critical component in the product and cannot be left out.

For more information, please refer to "Approvals and certifications" in LINAK Application Design Recommendations found under User Manual for any given product on LINAK.com



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