

**Technical Manual**  
**Mounting instructions**

**EC1040**



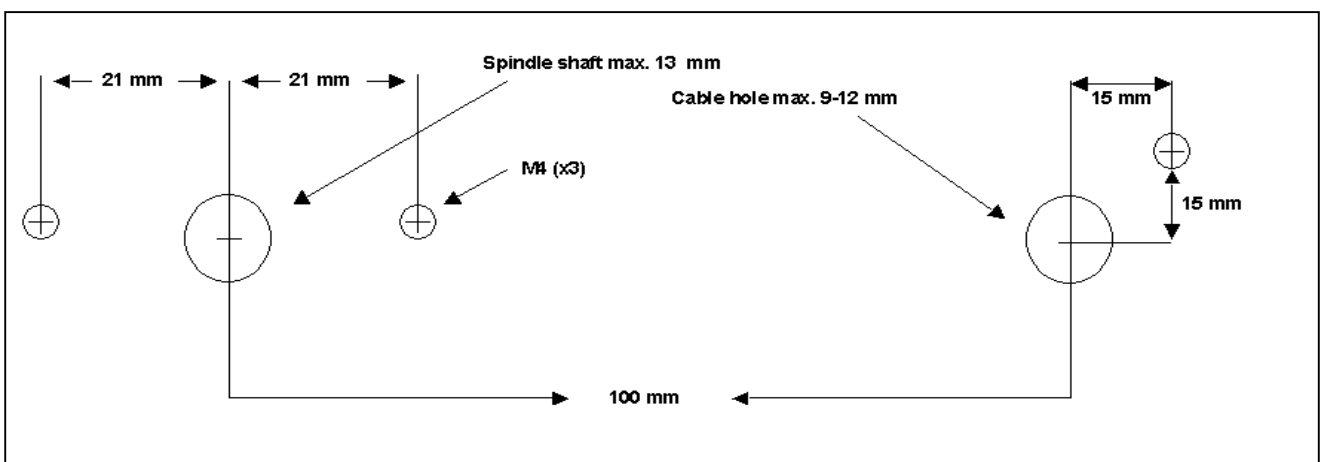
CHARACTERISTICS

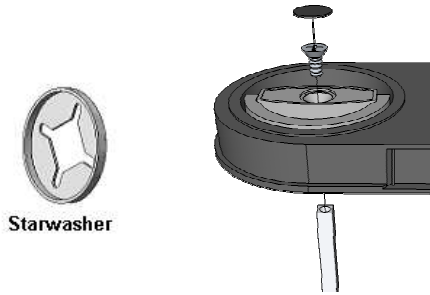
The EuroLine series was specially developed for safes using boltworks where the C/C measurement between lock and boltwork drive is 100mm. It will also work combined with the EM1620 (EM1520) DirectDrive lock. The ABS housing of the EuroLine Entry unit combines an alpha-numeric foil keypad with a pull handle (metal) and an integrated battery compartment. The 8x8 mm square shaft of the pull handle drives either the lock or a boltwork. Cable length is approximately 30 cm.

DIMENSIONS/MOUNTING INSTRUCTIONS:

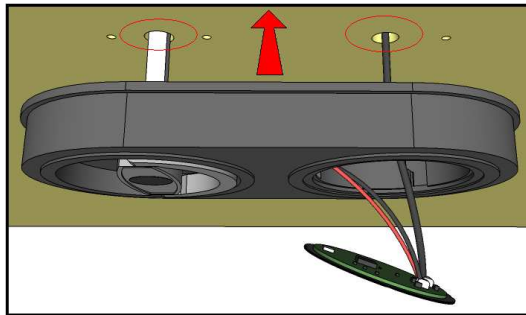


The diameter of the cable hole should be minimum 9mm, maximum 12mm. The spindle hole should be maximum  $\varnothing$  13mm. Both holes must be de-burred well to avoid damage.





Cut the 8mm square spindle shaft to an appropriate length. It is recommended to chamfer cut end slightly for spindle to easier enter the lock/boltwork during next step. Make sure the shaft will extend properly into the lock or the boltwork. Affix the shaft with the provided screw in the handle and cover the screw with the label.

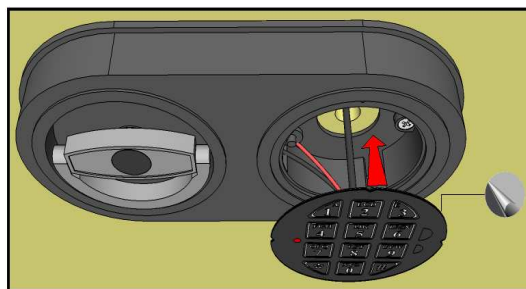


Before proceeding, make sure that the lock/boltwork is in the **open position**. Turn the pull handle so that the handle base is vertical and mounting holes are visible. Hold the unit horizontal and guide spindle shaft and keypad cable through holes and into lock/boltwork and push unit flat against mounting surface.

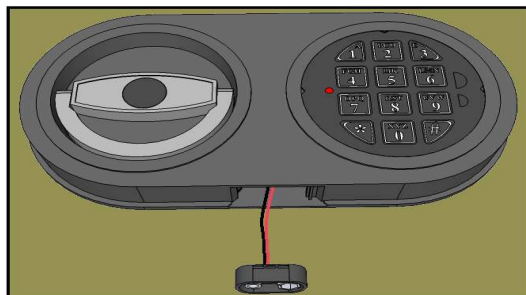
Adjust position and fix the entry unit with 3x M4 flathead, countersunk screws.



Thoroughly clean the edge where keypad foil is to be attached. **The area must be dry and clean for glue to catch properly.** Feed the keypad cable through the cable hole. Remove the protective layer from the adhesive ring on the back of the keypad unit. Position the keypad and press it into the housing.



**Do not remove and re-apply keypad once it has been glued in the housing!**



Connect one (1) battery to the battery connector. Only use 9V ALKALINE Duracell Procell- or Energizer batteries.