Gallagher

T30 Mounting Block

Installation Note 3E5816

T30 Mounting Block, Black: C300941

About your mounting block

The Gallagher T30 Mounting Block allows for surface mounted conduit to be fitted to the Gallagher T30 Reader, (e.g. if the reader is being installed on a thick concrete wall). This mounting block also supports rear cable entry.

The mounting block has been designed to accept four types/sizes of conduit fittings as listed in the table opposite. You will need to mark the correct location and drill the holes in the mounting block for the conduit fittings you plan to use. Deviation from the locations listed in the table may prevent the conduit from fitting and/or the reader from fitting in the mounting block.

Mounting block dimensions:

- Length 118 mm (4.65")
- Width 86 mm (3.4")
- Depth 43 mm (1.7")

Carton contents:

- 1 x Gallagher T30 Mounting Block
- 5 x Pan Pozi Head Self-Tapping Screws

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Installation

1. Position the mounting block on the mounting surface.
2. Using the mounting block as a guide, mark up to four fixing holes (using a pen or pencil).
3. Drill the fixing holes (counter bores) into the mounting surface.
4. Using the table below, mark the centre of the conduit fitting hole on the side of the mounting block. The hole centre is determined by the conduit size and nut type used (ring or flanged). The conduit should be flush with the mounting surface.
5. Drill the conduit fitting hole and fit the conduit to the mounting block.
6. Using the screws provided, secure the readers bezel to the mounting block.
   Note: There should be five connection points to fit the bezel to the mounting block.
7. Secure the mounting block to the mounting surface. The mounting block should be flush with the mounting surface.
8. Connect the building cable to the reader tail.
9. Fit the reader into the mounting block, by clipping the reader lip into the top of the mounting block and holding the top, and pressing the bottom of the reader down into the mounting block.
10. Insert the MB Torx Post Security screw (using a T10 Torx Post Security screwdriver) through the hole at the bottom of the mounting block to secure the reader.
    Note: The Torx Post Security screw needs only to be lightly tightened.

Hole location

Conduit fitting type	Hole size required for conduit fitting	Hole centre distance from rear face	
		Using ring nut	Using flanged lock nut
M20 plastic plain/screwed adaptor	Ø20 mm	16 +/- 1 mm	18 +/- 1 mm
M25 plastic plain/screwed adaptor	Ø25 mm	20 +/- 1 mm	20 +/- 1 mm
1/2" steel connector with ring nut	Ø21 mm (Ø13/16")	18 +/- 1 mm (0.709 +/- 0.04")	Not compatible
3/4" steel connector with ring nut	Ø26 mm (Ø1")	20 +/- 1 mm (0.787 +/- 0.04")	Not compatible

