

Note on instructions

These instructions contain the information required for using the mounting set in accordance with its intended purpose. They are addressed to technically qualified personnel.

The instructions provide a summary of the most important safety measures and must be read by everyone working with the product so that they will be familiar with the correct handling of the product.

The instructions have to be kept for future reference and must be available throughout the expected life of the product.

Description

Two mounting sets are available for mounting the type 3331-1... control switches onto the front panels of control units:

- Order number 05-0091-0187: with a recess for an anti-twist safeguard for wall thicknesses of 1 to 2 mm (0.04 to 0.08 in).
- Order number 05-0091-0188: with two recesses for an anti-twist safeguard and a bent lug for wall thicknesses of 2.5 to 5 mm (0.1 to 0.2 in).

The mounting set consists of the mounting bracket, base plate and two M3 screws for the screw fastening of the mounting bracket and the base plate.

The mounting sets are exclusively for use in connection with a position selector switch with protective collar.

Technical data

Installation possibilities

- Order number 05-0091-0187 mounting set: with a recess for an anti-twist safeguard for wall thicknesses of 1 to 2 mm (0.04 to 0.08 in).
- Order number 05-0091-0188 mounting set: with two recesses for an anti-twist safeguard and a bent lug for wall thicknesses of 2.5 to 5 mm (0.1 to 0.2 in).

Mounting

- Mounting bracket: by screwing the fastening nut onto the position selector switch with protective collar.
- Base plate: screwed to the mounting bracket.

Technical data

Material

High-alloyed steel
1.4301 (V2 A), AISI 304

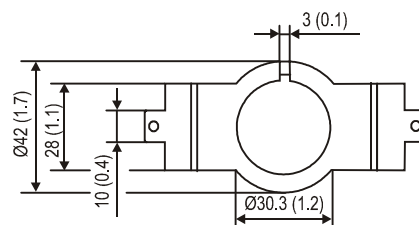
Weight

Approx. 55 g (0.12 lb)

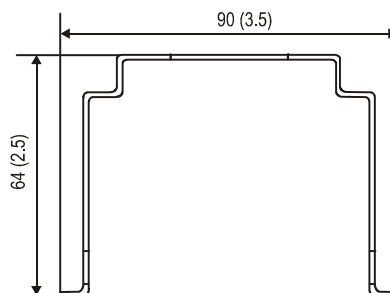
Dimensions in mm (in)

Order number 05-0091-0187 for wall thicknesses from 1 to 2 mm

Mounting bracket, plan view

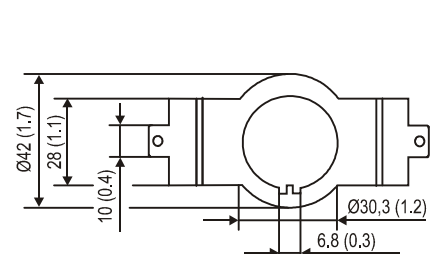


Mounting bracket, side view

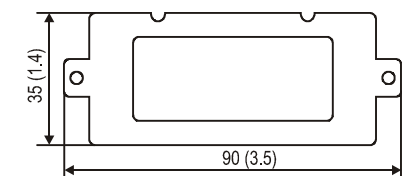


Order number 05-0091-0188 for wall thicknesses from 2.5 to 5 mm

Mounting bracket, plan view



Base plate, plan view



Safety Instructions

Utilization in areas other than those specified or the alteration of the product by anyone other than the manufacturer will exempt BARTEC from liability for defects or any further liability. Incorrect installation can cause malfunctioning.

The generally applicable statutory rules and other binding directives relating to workplace safety, accident prevention and environmental protection must be adhered to.

The mounting set may be used only if it is in a clean and undamaged condition. It is not permissible to modify the mounting set in any way.

Marking

Particularly important points in these instructions are marked with a symbol:

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to personal injury.

i Note

Important instructions and information on effective, economical and environmentally compatible handling.

Transport, Storage

NOTICE

Mounting set damage through incorrect transport or incorrect storage.

- Transport and storage is permissible in original packaging only.

Assembly, Installation, and Commissioning

⚠ WARNING

Risk of injury due to incorrect proceedings.

- Only authorized and qualified personnel may do any of the assembly, disassembly, installation and commissioning work.

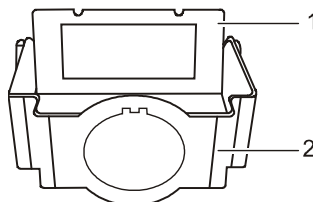
NOTICE

Property damage due to damaged parts.

- Make sure that the mounting set and the control switch are not damaged.

Assembly/disassembly

The mounting set consists of two parts: Mounting bracket (2) and base plate (1).

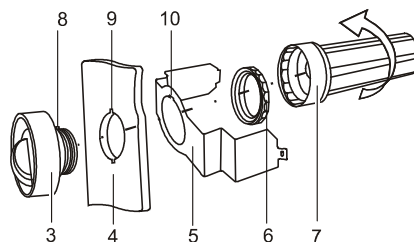


i Note

The mounting set with two recesses for an anti-twist safeguard and a bent lug, order number 05-0091-0188, shown here as an example representing both mounting sets.

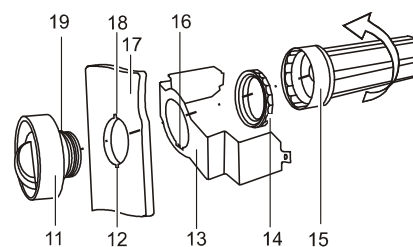
Putting on the mounting bracket

Order number 05-0091-0187:



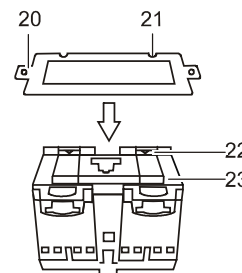
- Insert the position selector switch with protective collar (3) into the enclosure wall (4), 1 to 2 mm (0.04 to 0.08 in). Take care that the position selector switch's latching lug (8) engages in the recess (9) in the enclosure wall.
- Put the mounting bracket (5) onto the threading on the position selector switch with protective collar (3). Take care that the position selector switch's latching lug (8) engages with the recess (10) in the mounting bracket.
- Use the wrench (7), order number 05-1191-0001, to screw the M30 fastening nut (6), order number 05-1138-0009, onto the position selector switch with protective collar (3) with a tightening torque of 2.8 to 3.4 Nm.

Order number 05-0091-0188:



- Insert the position selector switch with protective collar (11) into the enclosure wall, 2.5 to 5 mm (0.1 to 0.2 in) (17).
 - NOTICE! The position selector switch's latching lug (19) must be in the 12 o'clock position.
 - NOTICE! Take care that the position selector switch's latching lug (19) engages with the recess (18) in the enclosure wall (17).
- Put the mounting bracket (13) onto the threading on the position selector switch with protective collar (11).
 - NOTICE! The mounting bracket's bent lug (16) must be in the 6 o'clock position.
 - NOTICE! Take care that the mounting bracket's bent lug (16) engages in the recess in the wall (12) of the enclosure (17).
- Use the nut wrench (15), order number 05-1191-0001, to screw the fastening nut (14) M30, order number 05-1138-0009, onto the position selector switch with protective collar (11) with a tightening torque of 2.8 to 3.4 Nm.

Snap the base plate onto the control switch

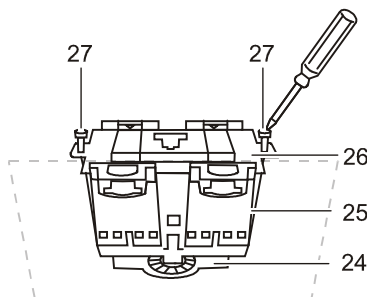


- Put the base plate (20) onto the underside of the control switch (23). Take care that the cut-outs in the base plate (21) are in alignment with the latching lugs on the control switch (22).
- Press in the base plate (20) until it locks into position.

Screw the mounting bracket to the base set

Note

The position of the control switch must agree with the position selector switch with protective collar used.



- Fit the control switch (25) with base plate (26) into the mounting bracket (24).
- Using the enclosed M3 screws (27), screw the base plate (26) onto the mounting bracket (24) with a tightening torque of 1.2 Nm.

Installation and Commissioning

Note

For detailed information on installation and commissioning, see the operating instructions for the type 07-3331-1... control switch.

Maintenance and Fault Clearance

WARNING**Risk of injury due to incorrect proceedings.**

- Only authorized qualified personnel may do any of the work relating to maintenance and fault clearance.

Maintenance

WARNING**Risk of serious accidents due to damaged parts.**

- Check control switch, position selector switch with protective collar, mounting set, and cables regularly for cracks and damage. Make sure that they are properly established.

The operator of the control switch must keep the control switch, the position selector switch with protective collar, and the mounting set in good condition, operate them properly, monitor them and clean them regularly.

Note

Dirty control switches, position selector switches with protective collar, and mounting sets can be cleaned with compressed air.

Fault Clearance

WARNING**Risk of serious injury due to use of non-original spare parts.**

- Use original parts only as replacements.

The mounting sets are defective if they are damaged or if the control switch no longer fits absolutely securely.

Defective mounting sets cannot be repaired; they must be replaced considering this operational instruction.

Accessories, Spare Parts

For accessories and spare parts, contact the firm of Bartec GmbH at the service address.

Disposal

Follow the national regulations for the disposal of metal scrap.

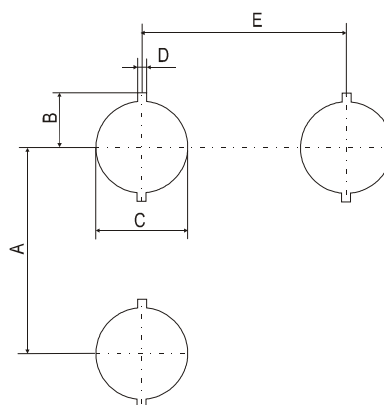
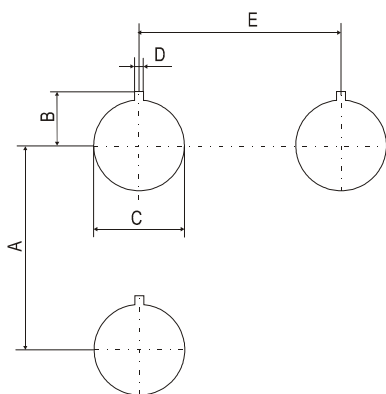
Service Address

BARTEC GmbH
Max-Eyth-Straße 16
97980 Bad Mergentheim
Germany
Tel.: +49 7931 597-0
Fax: +49 7931 597-119

Installation Dimensions

Order number 05-0091-0187 for wall thicknesses from 1 to 2 mm

Order number 05-0091-0188 for wall thicknesses from 2.5 to 5 mm



Dimensions:

	mm	in
A	100	3.9
B	16.5	0.7
C	Ø 30.3 ^{+0.3}	Ø 1.2 ^{+0.01}
D	3	0.1
E	100	3.9