

# CONFIX™ FWS-A

Bulkhead fittings  
for conduit screw connections



Metric internal thread for  
conduit screw connections

## Product description

The 90° angled conduit fitting CONFiX FWS is for installation of parallel corrugated cable protection conduits, e.g. in machines, control panels or control cabinets.

The liftable cover is tightly fixed by a hinge. Therefore, the system is fast and easy to install.

CONFIX FWS is offered in the following versions:

CONFIX FWS-A with metric internal thread M16 to M50

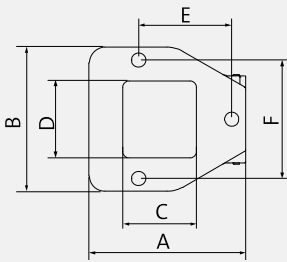
CONFIX FWS-B with a grooved conduit clip for types with sizes NW 13, 17, 23, 29, 37 and 50.

The available colours are grey (RAL 7011) and black (RAL 9005).

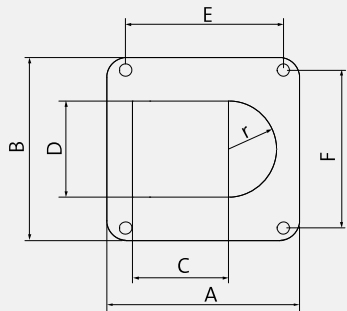
| Type            | Internal Thread | Hole Ø [mm] | Size (A × B) [mm] | Cut-out (C × D) [mm]    | Drill. Templ. (E × F) [mm] | Order No. | PU |
|-----------------|-----------------|-------------|-------------------|-------------------------|----------------------------|-----------|----|
| CONFIX FWS-A 16 | M16 × 1.5       | 3 × 4.3     | 49 × 45           | 22 × 22.6               | 29 × 37                    | ■ 31381   | 10 |
|                 |                 |             |                   |                         |                            | ■ 31380   |    |
| CONFIX FWS-A 20 | M20 × 1.5       | 3 × 4.3     | 49 × 45           | 22 × 22.6               | 29 × 37                    | ■ 31384   | 10 |
|                 |                 |             |                   |                         |                            | ■ 31383   |    |
| CONFIX FWS-A 25 | M25 × 1.5       | 3 × 6.6     | 67 × 63           | 37 × 28                 | 41.5 × 51.5                | ■ 31387   | 10 |
|                 |                 |             |                   |                         |                            | ■ 31386   |    |
| CONFIX FWS-A 32 | M32 × 1.5       | 4 × 6.6     | 85.5 × 76         | 41.9 × 40<br>r = 20     | 64.5 × 64.5                | ■ 31390   | 10 |
|                 |                 |             |                   |                         |                            | ■ 31389   |    |
| CONFIX FWS-A 40 | M40 × 1.5       | 4 × 6.6     | 97 × 92           | 48.3 × 48.4<br>r = 24.2 | 79.5 × 79.5                | ■ 31393   | 5  |
|                 |                 |             |                   |                         |                            | ■ 31392   |    |
| CONFIX FWS-A 50 | M50 × 1.5       | 4 × 6.6     | 111.5 × 100.5     | 53 × 60.5<br>r = 30.25  | 87.5 × 87.5                | ■ 31396   | 5  |
|                 |                 |             |                   |                         |                            | ■ 31395   |    |

## Accessories

CONFIX WS conduits 170 – 171



Size / Drilling template  
FWS-A 16 to 25



Size / Drilling template  
FWS-A 32 to 50

**CONFIX™ FWS-B**Bulkhead fittings  
for direct conduit pickup

Grooved conduit clip



Fixed cover due to hinges

IP54



## Advantages &amp; benefits

- Hinged cover
- Fast and easy installation
- Functional design
- Protection class IP54

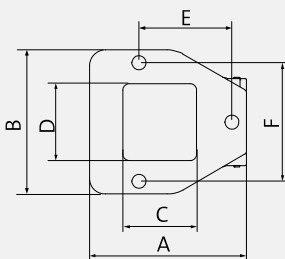
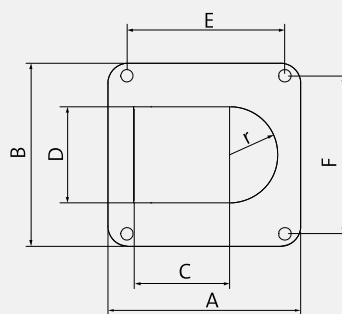
## Specifications

|             |                                                            |
|-------------|------------------------------------------------------------|
| Material    | Polycarbonate (PC)                                         |
| Colour      | <div>■ grey (RAL 7011)</div> <div>■ black (RAL 9005)</div> |
| IP rating   | IP54                                                       |
| Flame class | UL94-Vo, self-extinguishing                                |
| Temperature | -30°C to +100°C (static)                                   |
| Properties  | Halogen free, silicone free                                |

## Accessories

CONFIX WS conduits 170 – 171

| Type            | Dimension* | Hole<br>Ø [mm] | Size<br>(A × B) [mm] | Cut-out<br>(C × D) [mm] | Drill. Templ.<br>(E × F) [mm] | Order No.                             | PU |
|-----------------|------------|----------------|----------------------|-------------------------|-------------------------------|---------------------------------------|----|
| CONFIX FWS-B 11 | NW 13      | 3 × 4.3        | 49 × 45              | 22 × 22.6               | 29 × 37                       | <div>■ 31411</div> <div>■ 31410</div> | 10 |
| CONFIX FWS-B 16 | NW 17      | 3 × 4.3        | 49 × 45              | 22 × 22.6               | 29 × 37                       | <div>■ 31414</div> <div>■ 31413</div> | 10 |
| CONFIX FWS-B 21 | NW 23      | 3 × 6.6        | 67 × 63              | 37 × 28                 | 41.5 × 51.5                   | <div>■ 31417</div> <div>■ 31416</div> | 10 |
| CONFIX FWS-B 29 | NW 29      | 4 × 6.6        | 85.5 × 76            | 41.9 × 40<br>r = 20     | 64.5 × 64.5                   | <div>■ 31420</div> <div>■ 31419</div> | 10 |
| CONFIX FWS-B 36 | NW 37      | 4 × 6.6        | 97 × 92              | 48.3 × 48.4<br>r = 24.2 | 79.5 × 79.5                   | <div>■ 31423</div> <div>■ 31422</div> | 5  |
| CONFIX FWS-B 48 | NW 50      | 4 × 6.6        | 111.5 × 100.5        | 53 × 60.5<br>r = 30.25  | 87.5 × 87.5                   | <div>■ 31426</div> <div>■ 31425</div> | 5  |

Size / Drilling template  
FWS-B 11 to 21Size / Drilling template  
FWS-B 29 to 48

\* For parallel corrugated cable protection conduit with dimension (NW)