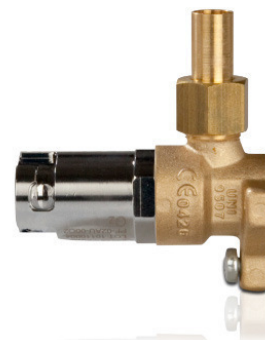


# Terminal units type AFNOR NF S 90-116

### IDENTIFICATION

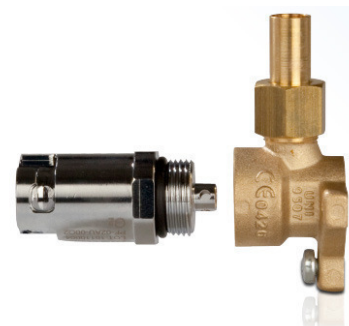
- ▶ Terminal units for compressed medical gases and vacuum, type AFNOR NF S 90-116
- ▶ Base block equipped with fitting for pipe welding with mechanical seal or hose connector
- ▶ Base block in brass with check valve that stops the pressurized gas flow, equipped with plug for gas system leakage tests
- ▶ Base block with provision for connection to earth bonding hub
- ▶ Package including M5 fixing screws (no. 3)
- ▶ Outlet in nickel-plated brass
- ▶ Outlet available in two versions: standard version and oversized version
- ▶ Facility for wall mounting in recessed box, surface mount box or bed head panels and pendants
- ▶ Laser-engraved production lot and product code



### CE MARKING

Notified body: CE 0426

CE marking in risk class II B in accordance with Legislative Decree 24 February 1997, no. 46 "Implementation of Directive 93/42/EEC, concerning Medical Devices" and further modifications



### REFERENCE STANDARD

**ISO 9170-1:** "Terminal units for medical gas pipeline systems - Part 1: Terminal units for use with compressed medical gases and vacuum"

**ISO 7396-1:** "Medical gas pipeline systems - Part 1: Pipeline systems for compressed medical gases and vacuum"

**AFNOR NF S 90-116** "Matériel médico-chirurgical – Prises murales et fiches correspondantes pour fluides médicaux"

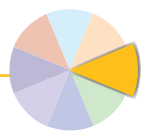
**ISO 15001:** "Anaesthetic and respiratory equipment. Compatibility with oxygen"

\* Validity of the standards is referred to the current year

- ▶ Gases: Oxygen, Medical Air, Nitrous Oxide, Vacuum, Carbon Dioxide
- ▶ Storage temperature: -20 °C ÷ +60 °C
- ▶ Working temperature: +10 °C ÷ +40 °C

- ▶ NBR seal between base block and outlet
- ▶ Connection with welding pipe  $\varnothing e = 10$  mm
- ▶ Hose connector for flexible hose  $\varnothing i = 6 \div 6,5$  mm

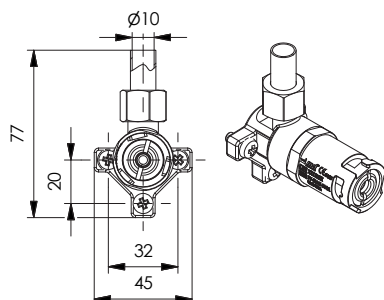




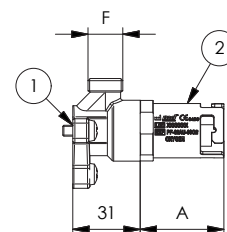
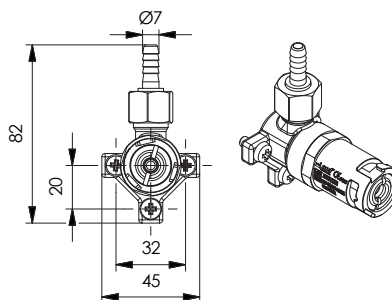
# Terminal units type AFNOR NF S 90-116

## DIMENSIONS

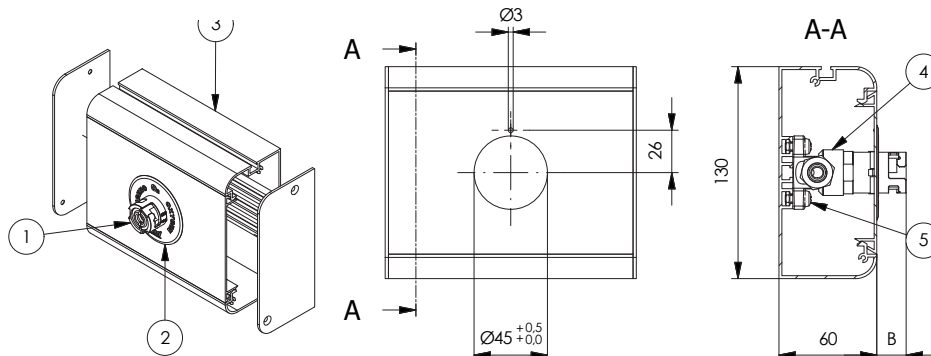
### BASE BLOCK WITH WELDING FITTING



### BASE BLOCK WITH HOSE BARB



## INSTALLATION IN BED HEAD PANELS AND PENDANTS



### KEY:

1. Base block
2. Outlet

### KEY:

1. AFNOR NF S 90-116 Outlet
2. Color coded ring PL-23A0-1xxx
3. Extruded profile AQ-3400-xxxx (on request)
4. UNI 9507 Base block
5. M5 Screws (No. 3 included)

## BASE BLOCK

| CODE         | CONNECTION TYPE     | GAS              | NOMINAL PRESSURE<br>bar           | F            | PACKAGING |      |     |
|--------------|---------------------|------------------|-----------------------------------|--------------|-----------|------|-----|
|              |                     |                  |                                   |              | type      | kg   | pcs |
| PF-01US-0002 | Welding fitting Ø10 | O <sub>2</sub>   | 4 <sup>+1,0</sup> <sub>-0,0</sub> | M16 x 1,25   | bag       | 0.21 | 1   |
| PF-01UP-0002 | Hose barb           |                  |                                   |              |           |      |     |
| PF-01US-000V | Welding fitting Ø10 | Vacuum           | ≤ -0,4                            | M16 x 1 sx   | bag       | 0.21 | 1   |
| PF-01UP-000V | Hose barb           |                  |                                   |              |           |      |     |
| PF-01US-00AC | Welding fitting Ø10 | Medical Air      | 4 <sup>+1,0</sup> <sub>-0,0</sub> | M18 x 1 sx   | bag       | 0.17 | 1   |
| PF-01UP-00AC | Hose barb           |                  |                                   |              |           |      |     |
| PF-01US-0N2O | Welding fitting Ø10 | N <sub>2</sub> O | 4 <sup>+1,0</sup> <sub>-0,0</sub> | M18 x 1,25   | bag       | 0.19 | 1   |
| PF-01UP-0N2O | Hose barb           |                  |                                   |              |           |      |     |
| PF-01US-0CO2 | Welding fitting Ø10 | CO <sub>2</sub>  | 4 <sup>+1,0</sup> <sub>-0,0</sub> | M22 x 1,5    | bag       | 0.19 | 1   |
| PF-01UP-0CO2 | Hose barb           |                  |                                   |              |           |      |     |
| PF-01US-0AC8 | Welding fitting Ø10 | Instruments Air  | 8 <sup>+1,0</sup> <sub>-0,0</sub> | M17 x 1,5 sx | bag       | 0.19 | 1   |
| PF-01UP-0AC8 | Hose barb           |                  |                                   |              |           |      |     |

## OUTLET

| CODE         | VERSION           | A<br>mm | B<br>mm | GAS              | NOMINAL PRESSURE<br>bar           | PACKAGING |      |     |
|--------------|-------------------|---------|---------|------------------|-----------------------------------|-----------|------|-----|
|              |                   |         |         |                  |                                   | type      | kg   | pcs |
| PF-02AU-0002 | Standard          | 39      | 49 ÷ 53 | O <sub>2</sub>   | 4 <sup>+1,0</sup> <sub>-0,0</sub> | bag       | 0.17 | 1   |
| PF-02AU-1002 | Oversized (+5 mm) | 44      | 54 ÷ 58 |                  |                                   |           |      |     |
| PF-02AU-000V | Standard          | 39      | 49 ÷ 53 | Vacuum           | ≤ -0,4                            | bag       | 0.17 | 1   |
| PF-02AU-100V | Oversized (+5 mm) | 44      | 54 ÷ 58 |                  |                                   |           |      |     |
| PF-02AU-00AC | Standard          | 39      | 49 ÷ 53 | Medical Air      | 4 <sup>+1,0</sup> <sub>-0,0</sub> | bag       | 0.17 | 1   |
| PF-02AU-10AC | Oversized (+5 mm) | 44      | 54 ÷ 58 |                  |                                   |           |      |     |
| PF-02AU-0N2O | Standard          | 39      | 49 ÷ 53 | N <sub>2</sub> O | 4 <sup>+1,0</sup> <sub>-0,0</sub> | bag       | 0.17 | 1   |
| PF-02AU-1N2O | Oversized (+5 mm) | 44      | 54 ÷ 58 |                  |                                   |           |      |     |
| PF-02AU-0CO2 | Standard          | 39      | 49 ÷ 53 | CO <sub>2</sub>  | 4 <sup>+1,0</sup> <sub>-0,0</sub> | bag       | 0.17 | 1   |
| PF-02AU-1CO2 | Oversized (+5 mm) | 44      | 54 ÷ 58 |                  |                                   |           |      |     |
| PF-02AU-0AC8 | Standard          | 39      | 49 ÷ 53 | Instruments Air  | 8 <sup>+1,0</sup> <sub>-0,0</sub> | bag       | 0.17 | 1   |
| PF-02AU-1AC8 | Oversized (+5 mm) | 44      | 54 ÷ 58 |                  |                                   |           |      |     |

