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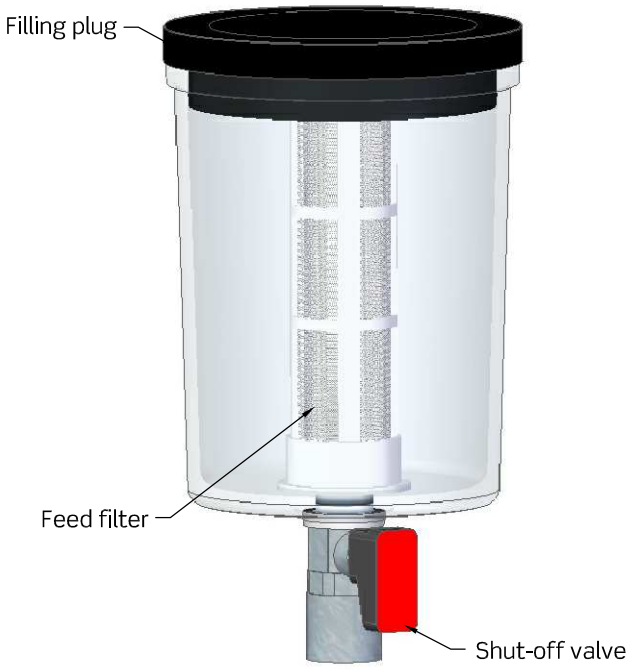
INTZA
LUBRICATION SYSTEMS

# Tank to fed circuits and pumps

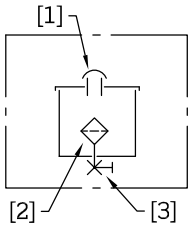
BF221/A
552.020.000




- Reservoir and lid in nylon
- Capacity 0,25 litres
- Outlet with filter and shut-off valve
- For MQL systems and others

Hydraulic schema

[1] Filling plug
[2] Filter
[3] Shut-off valve G1/4

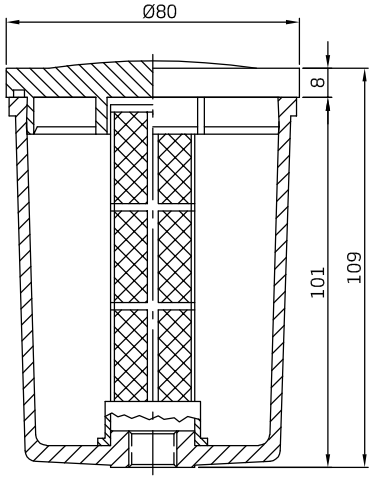



Lid, reservoir and filter in nylon.
Suitables to be used with synthetic and mineral oils, also with poliglycol based oils.

BF221 / A - X / X

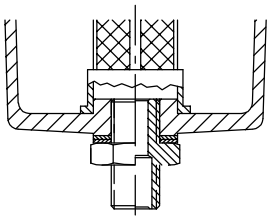
| Tank outlet | X |
|---|---|
| Threaded hole G1/4 | 1 |
| Male fitting G1/4 | 2 |
| Shut-off valve G1/4 | 3 |

| Tank capacity | X |
|---|---|
| 0,25 litres | 1 |

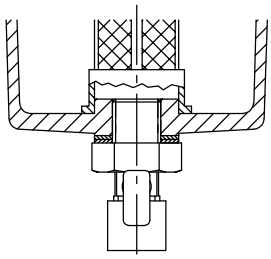



Threaded hole G1/4

| | |
|---|---|
| Reservoir | 552 026 474 |
| Lid | 552 027 474 |
| Filter | 500 712 474 |



Male fitting G1/4



Shut-off valve G1/4

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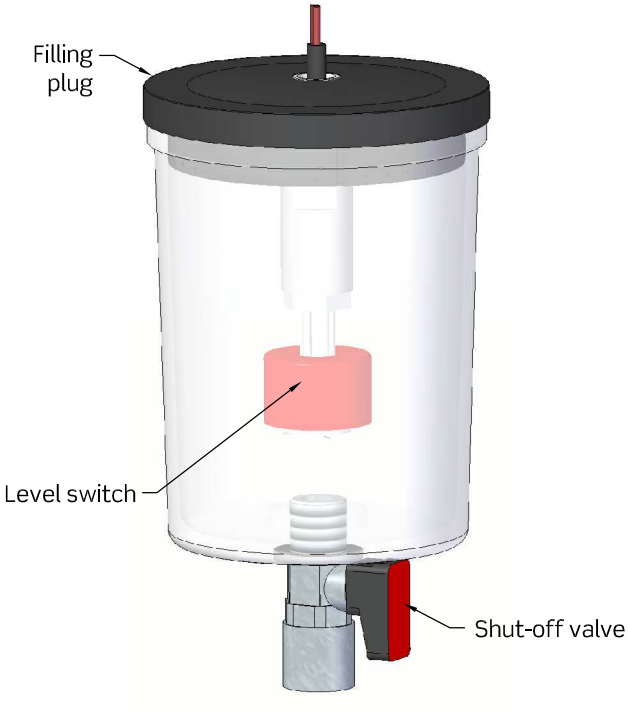
# Tank to fed circuits and pumps

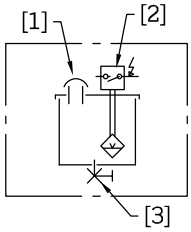
**BF221/B**
552.050.000




- Reservoir and lid in nylon
- Capacity 0,25 litres
- With minimum level switch
- For MQL systems and others

Hydraulic schema

[1] Filling plug
[2] Level switch
[3] Shut-off valve G1/4

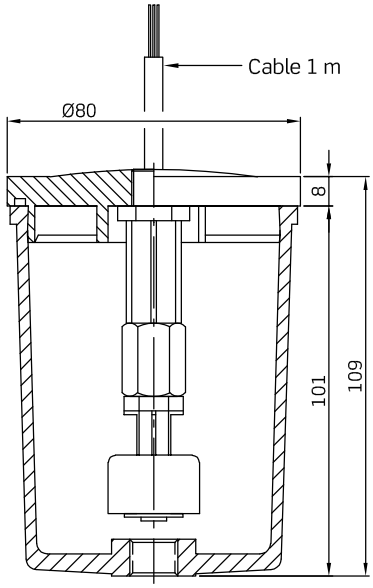



Lid, reservoir and filter in nylon.
Suitables to be used with synthetic and mineral oils, also with poliglycol based oils.

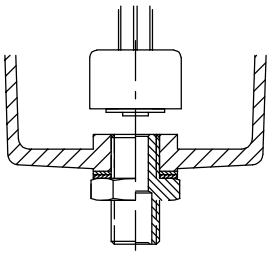
BF221 / B - X / X

| Tank outlet | X |
|---|---|
| Threaded hole G1/4 | 1 |
| Male fitting G1/4 | 2 |
| Shut-off valve G1/4 | 3 |

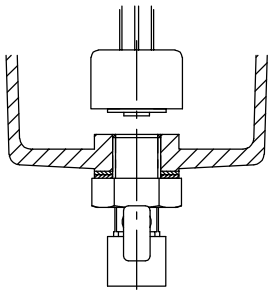
| Tank capacity | X |
|---|---|
| 0,25 litres | 1 |




Threaded hole G1/4



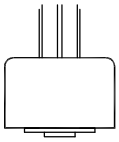
Male fitting G1/4



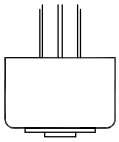
Shut-off valve G1/4

## Detection types

By reversing the position of the float over the guide pipe the position of the contact is modified: from open to closed and viceversa.



Round edges upwards:
NO contact



Round edges downwards:
NC contact

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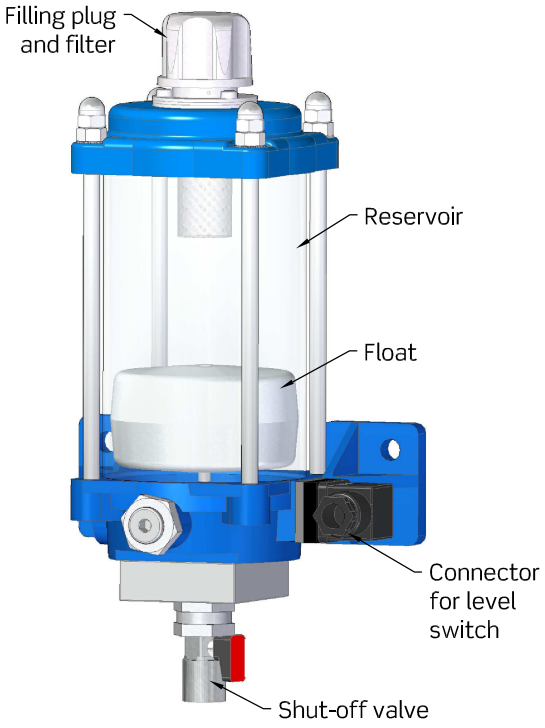
LUBRICATION SYSTEMS

# Tank for oil

**BF222/A**
552.110.000

To feed circuits and pumps by gravity

- Reservoir and lid in plastic
- Outlet threaded or with shut-off valve
- Minimum level electric switch
- With refilling plug and filter




BF222 / A - X / X - X X - X X

| Tank outlet | X | Tank capacity | X | Filling on top | X | Filling at bottom | X | Level switch | X | Level connect. | X |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Flange (fig.1) | 2 | 0,5 L | 1 | Plug and filter | 1 | Without (plugged) | 1 | Without | 0 | Without | 0 |
| Threaded G1/4 (fig.2) | 3 | 1,5 L | 2 | | | | | Minimum level | 5 | DIN | 1 |
| Shut-off valve G1/4 (fig.3) | 4 | | | | | | | | | M12x1 | 2 |

Tank outlet options

Fig 1
Outlet
by flange

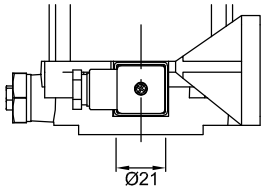



Fig 2
Threaded
outlet

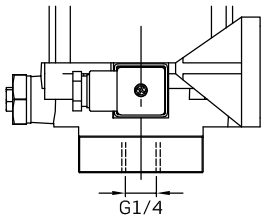
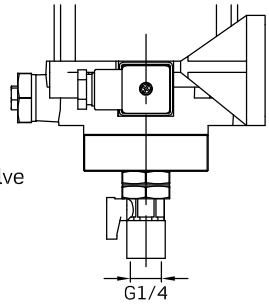
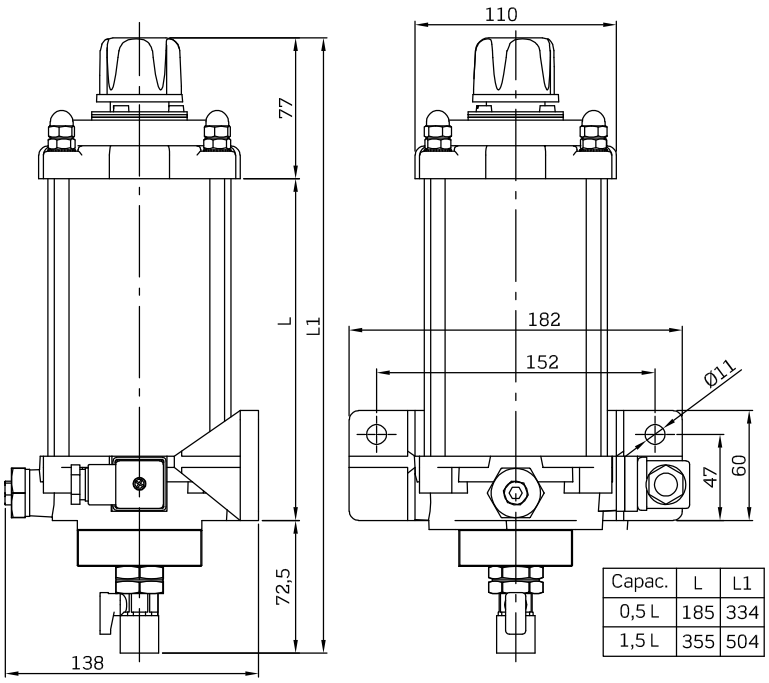


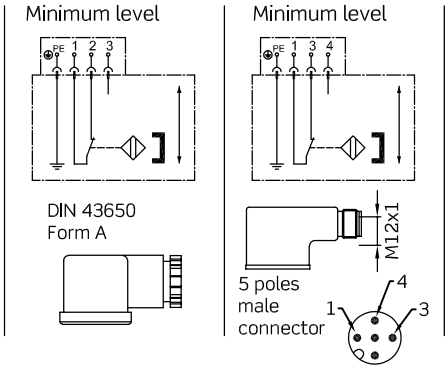

Fig 3
Outlet with
shutt-off valve




| Capac. | L | L1 |
|---|---|---|
| 0,5 L | 185 | 334 |
| 1,5 L | 355 | 504 |

Level switch
-contact type.....see figure below
-max switching voltage..... 100 VDC
-max switching consumption..... 0,25 A
-max switching power.....8W( )...3W( )



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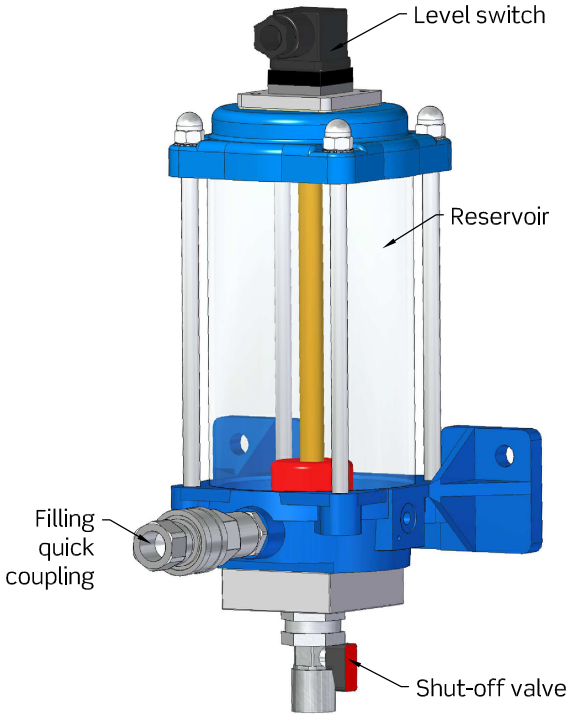
LUBRICATION SYSTEMS

# Tank for oil

**BF222/B**
552.120.000

To feed circuits and pumps by gravity

- Reservoir and lid in plastic
- Outlet threaded or with shut-off valve
- Minimum level electric switch




**Tank outlet options**

Fig 1 Outlet by flange

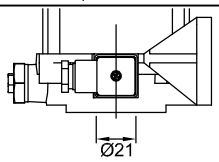



Fig 2 Threaded outlet

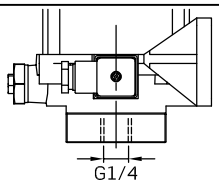
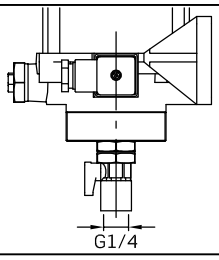



Fig 3 Outlet with shut-off valve




BF222 / B - X / X - X X - X X

| Tank outlet | X | Tank capac. | X | Filling on top | X | Filling at bottom | X | Level switch | X | Level connect. | X |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Flange (fig.1) | 2 | 0,5 L | 1 | Whithout | 0 | Quick coupling (fig.4) | 2 | Minimum | 5 | DIN | 1 |
| Threaded G1/4 (fig.2) | 3 | 1,5 L | 2 | | | Nipple (fig.5) | 3 | Max-min | 6 | M12x1 | 2 |
| Shut-off valve G1/4 (fig.3) | 4 | | | | | Nipple + check valve | 4 | Prealarm | 7 | | |
| | | | | | | | | Maximum | 8 | | |

**Filling at bottom options**

Fig 4 Quick coupling

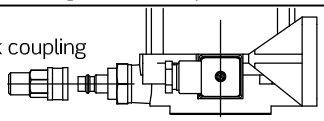
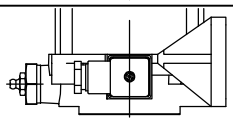
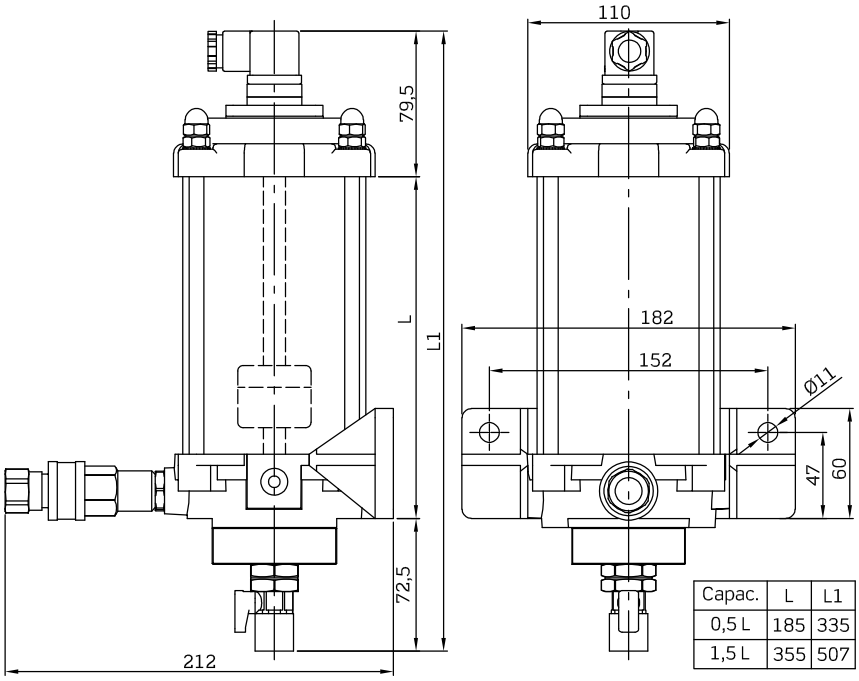


Fig 5 Nipple



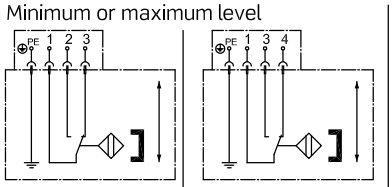



| Capac. | L | L1 |
|---|---|---|
| 0,5 L | 185 | 335 |
| 1,5 L | 355 | 507 |

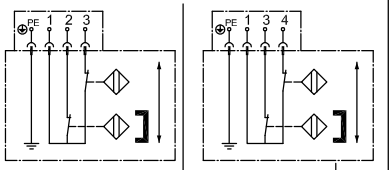
**Level switch**

Type of contact .....Reed
Max switching voltage..... 230 VUC
Max switching consumpt.....0,5 A
Power breakdown ..... max. 30 W

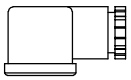
Minimum or maximum level

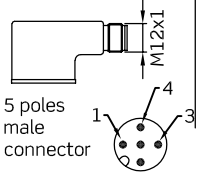



Min and max level / Min and prealarm




DIN 43650 Form A





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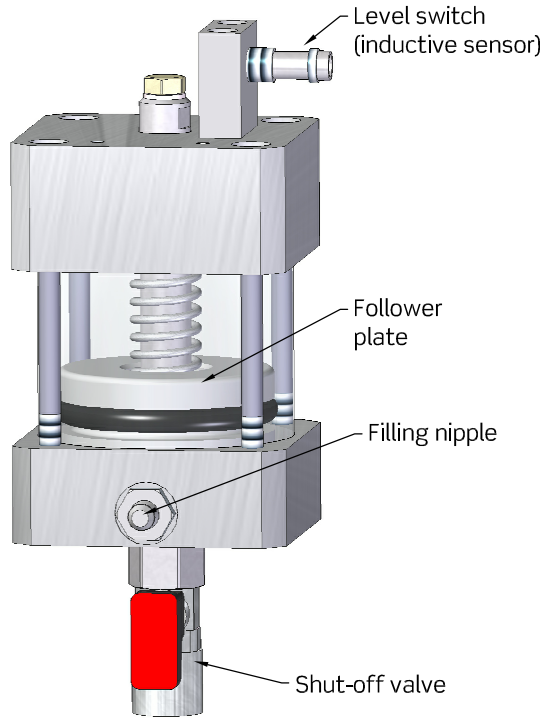
INTZA LUBRICATION SYSTEMS

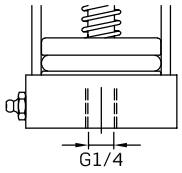
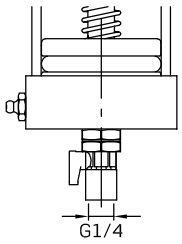
# Pressurised tank for grease

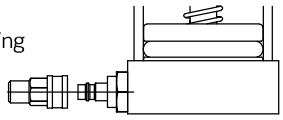
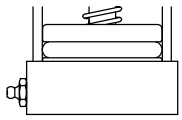
**BF226**

75cm3 552.510.000
150cm3 552.550.000

To feed circuits and pumps




| Tank outlet options | |
|---|---|
| Fig 1 Threaded outlet |   |
| Fig 2 Outlet with shut-off valve |   |

| Filling at bottom options | |
|---|---|
| Fig 3 Quick coupling |  |
| Fig 4 Nipple |  |

BF226 / X - X / X - X X

| Tank capacity | X |
|---|---|
| 75cm3 | A |
| 150cm3 | B |

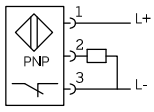
| Tank outlet | X |
|---|---|
| Threaded G1/4 (fig.1) | 1 |
| Shut-off valve G1/4 (fig.2) | 3 |

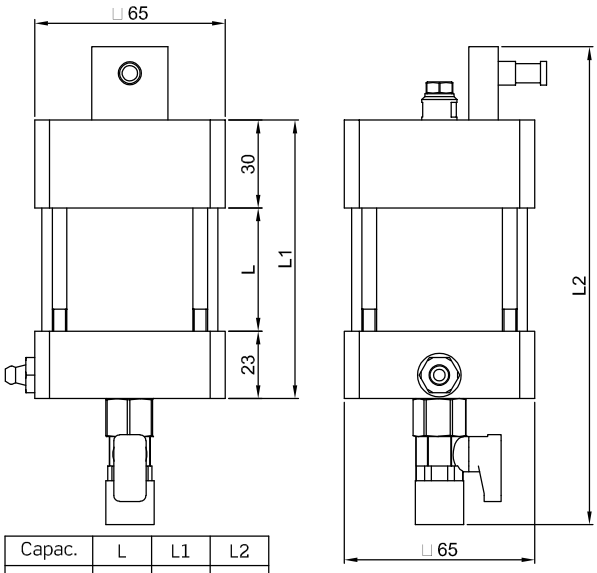
| Filling at bottom | X |
|---|---|
| Quick coupling (fig.3) | 2 |
| Nipple (fig.4) | 3 |

| Level switch | X | Sensor type | X |
|---|---|---|---|
| Whithout | 0 | Whithout | 0 |
| Bracket without sensor | 1 | Whithout | 0 |
| Bracket and sensor | 2 | A | A |
| | | B | B |
| | | C | B |
| | | F | F |
| | | H | H |

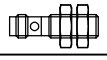
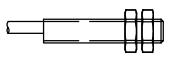
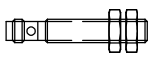
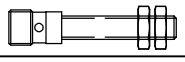
## Characteristics proximity sensor

Type.....see table
Function.....NC
Voltage.....10 ÷30 V
Max load admited.....200 MA
Power consumption..... 20 MA




| Capac. | L | L1 | L2 |
|---|---|---|---|
| 75mm3 | 42 | 95 | 163 |
| 150mm3 | 90 | 143 | 211 |

| Sensor type | Figure | Characteristics |
|---|---|---|
| B |  | M8x1 version mini with cable |
| C |  | M8x1 version mini Connector M8x1 3p |
| A |  | M8x1 with cable |
| F |  | M8x1 Connector M8x1 3p |
| H |  | M8x1 Connector M12x1 4p |

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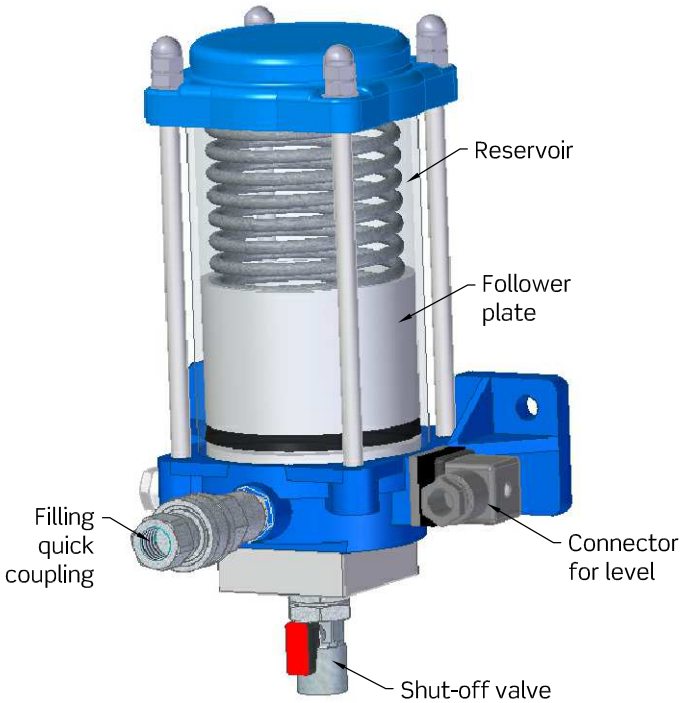
INTZA
LUBRICATION SYSTEMS

# Pressurised tank for grease

**BF227/A**
552.610.000

To feed circuits and pumps

- Reservoir and lid in plastic
- Outlet threaded or with shut-off valve
- Minimum level electric switch




**BF227 / A - X / X - X - X X**

| Tank outlet | X | Tank capac. | X | Filling at bottom | X | Level switch | X | Level connect. | X |
|---|---|---|---|---|---|---|---|---|---|
| Threaded G1/4 (fig.1) | 3 | 0,5 L | 1 | Quick coupling (fig.3) | 2 | Without | 0 | Without | 0 |
| Shut-off valve G1/4 (fig.2) | 4 | 1,5 L | 2 | Nipple (fig.4) | 3 | Minimum level | 5 | DIN | 1 |
| | | | | Nipple + check-valve | 4 | | | M12x1 | 2 |

**Tank outlet options**

Fig 1
Threaded outlet

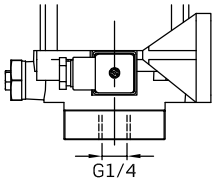
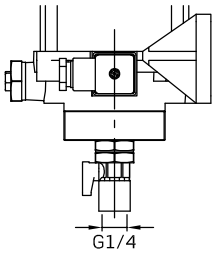



Fig 2
Outlet with shut-off valve




**Filling at bottom options**

Fig 3
Quick coupling

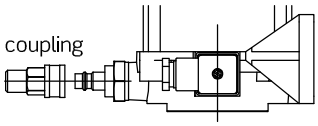
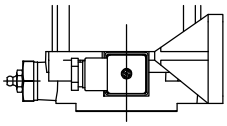
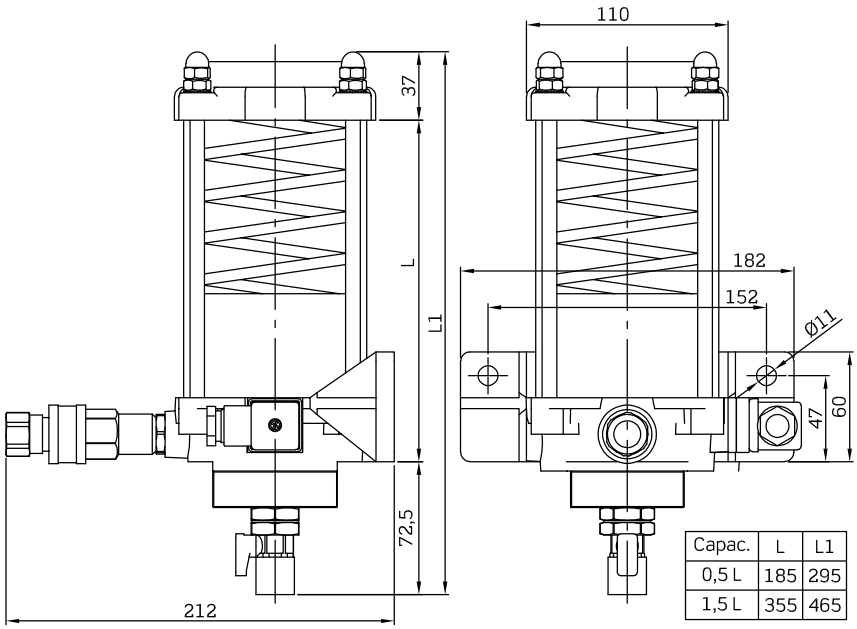


Fig 4
Nipple

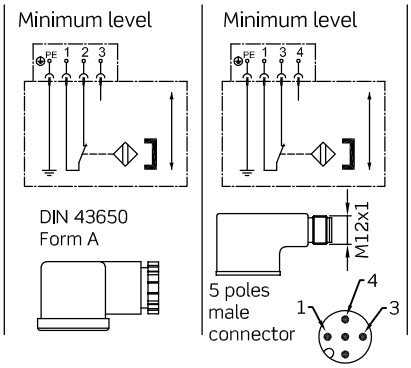





| Capac. | L | L1 |
|---|---|---|
| 0,5 L | 185 | 295 |
| 1,5 L | 355 | 465 |

## Level switch

-contact type..... see figure below
-max switching voltage..... 100 VDC
-max switching consumption..... 0,25 A
-max switching power.....8W( ) ...3W( )



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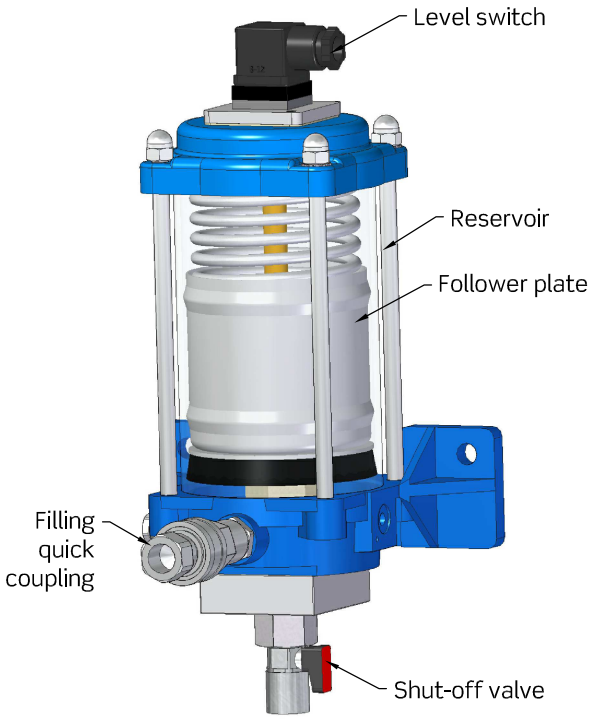
INTZA
LUBRICATION SYSTEMS

# Pressurised tank for grease

**BF227/B**
552.620.000

To feed circuits and pumps

- Reservoir and lid in plastic
- Outlet threaded or with shut-off valve
- Optional electric level




BF227 / B - X / X - X - X X

| Tank outlet | X | Tank capac. | X | Filling at bottom | X | Level switch | X | Level connect. | X |
|---|---|---|---|---|---|---|---|---|---|
| Threaded G1/4 (fig.1) | 3 | 0,5 L | 1 | Quick coupling (fig.4) | 2 | Minimum | 5 | DIN | 1 |
| Shut-off valve G1/4 (fig.2) | 4 | 1,5 L | 2 | Nipple (fig.5) | 3 | Max-min | 6 | M12x1 | 2 |
| | | | | Nipple + check valve | 4 | Prealarm | 7 | | |
| | | | | | | Maximum | 8 | | |

Opciones de salida de depósito

Fig 1
Threaded outlet

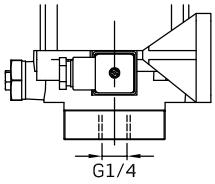
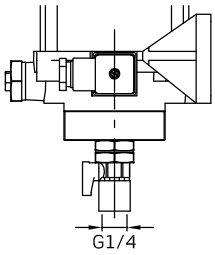



Fig 2
Outlet with shut-off valve




Filling at bottom options

Fig 3
Quick coupling

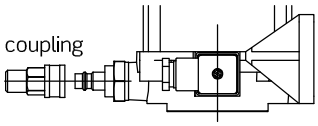
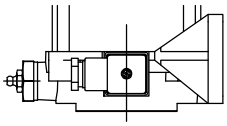
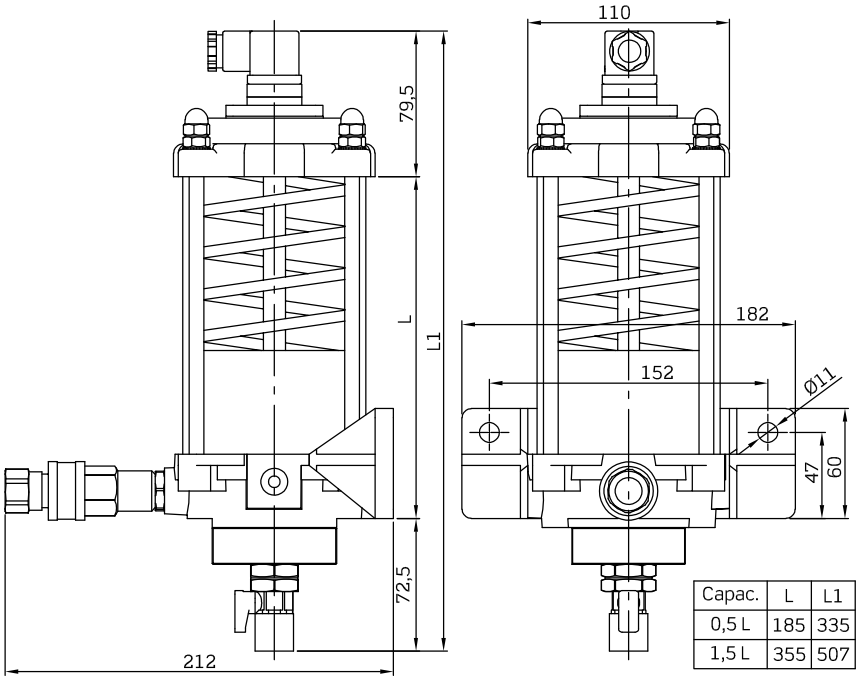


Fig 4
Nipple






| Capac. | L | L1 |
|---|---|---|
| 0,5 L | 185 | 335 |
| 1,5 L | 355 | 507 |

## Level switch

Type of contact .....Reed
Max switching voltage..... 230 VUC
Max switching consumpt.....0,5 A
Power breakdown ..... max. 30 W