

# Tank withdrawal system Euroflex



Suitable for use in flood hazard areas. Watertight up to 10 m water column.



Quick-action shut-off valve with lever for fast shutting off of the oil supply. Remote operation from outside of the tank room possible with pull cord.



Version Euroflex 3 with direct connection for pneumatic tank contents gauges. Ideal for retrofitting or for applications involving tanks with few connections.

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Floating withdrawal as per DIN 4755 recommendation. Makes it possible to withdraw fuel oil in the clean area and thus supports optimum functionality of the downstream fittings (e.g. oil filters).



Version with special G1 screw connection to avoid twisting. Ideal for use with Euroflex with heating band for fast, simple mounting.

Figure: Euroflex 3 with float



Fitting made of high-impact, weather-resistant plastic. Approved as an isolating piece.



Flexible suction line for maximum variability – also in terms of hose length. The standard lengths 2.15 m and 3.15 m can be shortened as required without any problems.



All materials resistant to biofuel and biodiesel with max. 20 % FAME (fatty acid methyl ester).



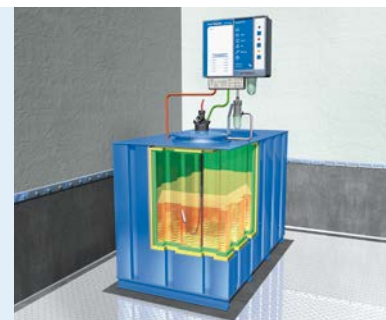
Measuring line with balance chamber (for Euroflex 3)

# Tank withdrawal system Euroflex



Euroflex 312

- Combination fitting made of high-impact plastic
- Integrated, TÜV-tested isolating piece
- Silent check valve
- Euroflex 3 for floating withdrawal, also for self-securing withdrawal
- Suitable for use in flood hazard areas



**Application** For withdrawal of fuel oil from underground and aboveground tanks in single-line or dual-line mode. Suitable for the following media: fuel oil EL (DIN 51603-1) and diesel fuel (EN 590) as well as biofuel and biodiesel with max. 20 % FAME. Also for use in flood hazard areas. No floating withdrawal in the case of underground tanks.

**Description** Combination fitting made of plastic as a withdrawal system with measuring line (not Euroflex 2) and TÜV-tested isolating piece that screws into the tank. G $\frac{3}{8}$  stainless steel threaded female connections for suction and return lines. Universal compression fittings for pipes with 8 and 10 mm outside diameters for connecting the suction line are enclosed. The integrated check valve with elastic valve seat keeps the oil column in the suction line from being interrupted when the burner is off. Quick-action shut-off valve with lever for remote closing in emergency situations. Pressure- and vacuum-tight up to 1 bar. Also available without check valve for self securing withdrawal.

**Euroflex 3 with float** and special G1 screw connection for withdrawing oil in the clean area (as per TRWS 791 not recommended in underground tanks). Measuring line connection for hose or pipe with 6 mm outside diameter. Suction hose length 2.15 m or 3.15 m with additional float at the suction hose end.

**Euroflex 312 (GWG 12K/1C)**, combination of level sensor and withdrawal system. With measuring line connection for hose or pipe with 6 mm outside diameter. For battery tanks as per DIN 6620 and tanks as per DIN 6625 manufactured on site. Specially useful if there is no connection socket at the tank. Connection G1 $\frac{1}{2}$ .

## Technical specifications

### Connection

Tank: G1 male thread  
(Euroflex 312: G1 $\frac{1}{2}$  male thread)  
Suction/return line: G $\frac{3}{8}$  female thread  
Measuring line: 6 mm

### Length

Suction hose: 2.15 m or 3.15 m  
Measuring hose: 2.15 m or 3.15 m  
(not Euroflex 2)

### Test pressure

Max. 6 bar

### Flow rate

Max. 150 l/h

### Material

Screw fitting: Plastic (POM), blue  
Suction hose: NBR/PVC  
Balance chamber: Zamak (ZnAl4Cu1)

### Approval for construction products

Conformity certificate as per EN 12514-2, ÜHP  
Euroflex 312: CE marking as per EC Construction Products Regulation 305/2011, EC 574/2014, EN 13616:2004

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Pull cord for remote closing see page 131.

DG: G, PG: 1			Part no.	Price €
<b>Euroflex 2 (2.15)</b> , suction hose 2.15 m, without measuring line connection	1	25	<b>20162</b>	
<b>Euroflex 3 (2.15)</b> , suction hose 2.15 m	1	25	<b>20160</b>	
<b>Euroflex 3 (3.15)</b> , suction hose 3.15 m	1	25	<b>20164</b>	
<b>Euroflex 3 with float</b> , suction hose 2.15 m	1	25	<b>20130</b>	
<b>Euroflex 3 with float</b> , suction hose 3.15 m	1	20	<b>20131</b>	
<b>Euroflex 3 (3.15) without check valve</b> , suction hose 3.15 m for self-securing suction line	1	25	<b>20129</b>	
<b>Euroflex 312 (GWG 12 K/1C)</b> , suction hose 2.15 m	1	10	<b>20190</b>	
<b>Conversion kit float kit G1</b> for Euroflex and Miniflex	1	25	<b>20125</b>	
<b>Conversion kit float kit G1<math>\frac{1}{2}</math></b> for single tanks and communicating withdrawal systems	1	-	<b>20120</b>	
<b>Conversion kit shut-off valve</b> for Euroflex (10/98 and later), Miniflex and communicating AFRISO withdrawal systems for battery tanks for conversion to automatically safeguarding suction lines	1	-	<b>74305</b>	