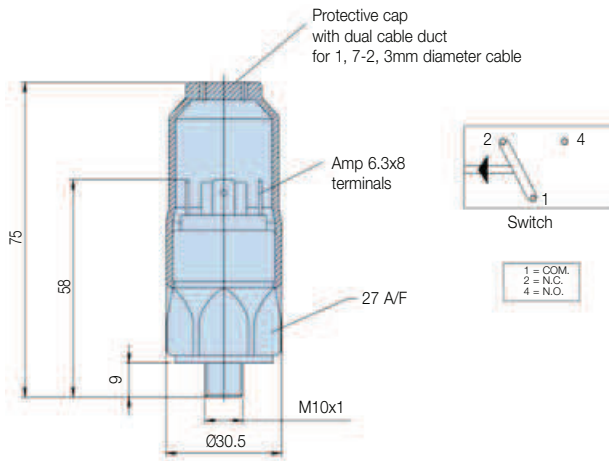


TTF Series

Tanktop Mounted Return Line Filters

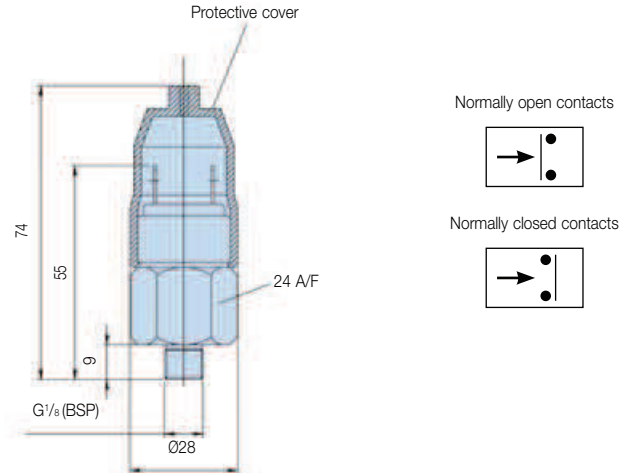
Indicator Options

Indicator PS pressure switch



| Specifications | |
|-------------------|--|
| Elec.rating | 42V / 4A |
| Thread connection | M10x1 |
| Elec.connection | AMP 6.3x0.8 terminals + protective cap |
| Protection | IP65 (with cap) terminals IP00 |
| Code | FMUS1EBMM10L (Switch) |

Indicator PS NO/NC pressure switch



| Specifications | |
|-------------------|--|
| Elec.rating | 42V / 2A |
| Thread connection | G1/8 |
| Elec.connection | AMP terminal 6.3x0.8 |
| Protection | IP65 (terminal IP00) |
| Switch type | NO or NC |
| Code | FMUS2EBMG02L (NO switch) FMUS3EBMG02L (NC switch) |

Indicator Connection / Filter Head Matrix

| Port(s) Filter head | Indicator Thread |
|--|------------------|
| TTF ISO 228-G ³ / ₄ " (BSP) (TTF length 2,3,4 and 5) | M10 |
| ISO 228-G1" (BSP) | M10 |
| ISO 228-G1 ¹ / ₂ " (BSP) (TTF length 6 and larger) | M10 |
| 2xISO 228-G1 ¹ / ₄ " (BSP) (TTF length 6 and larger) | G1/8" |
| ISO 228-G1 ¹ / ₂ "(BSP) (TTF length 6 and larger) | M10 |
| 2xISO 228-G1 ¹ / ₂ "(BSP) (TTF length 6 and larger) | G1/8" |
| 1 ¹ / ₂ " SAE-3000 PSI (TTF length 6 and larger) | G1/8" |
| 1 ¹ / ₂ " SAE-3000 PSI (2nd port) + G1 ¹ / ₂ " (TTF length 6 and larger) | G1/8" |
| G2" (TTF length 6 and larger) | G1/8" |
| G2" + G1 ¹ / ₂ " (TTF length 6 and larger) | G1/8" |

| Visual indicator | |
|------------------|--------------|
| Visual indicator | 1.2 bar |
| M10: code | FMUG1EBPM10L |
| G1/8: code | FMUG2EBPG02L |

Ordering Information

Standard products table

| Part number | Supersedes | Flow (l/min) | Model number | Element length | Media rating (µ) | Seals | Indicator | Bypass settings | Ports | Included options | Replacement elements | Supersedes |
|-------------------|--|--------------|--------------|----------------|------------------|---------|-----------|------------------|--------------------------------|------------------|----------------------|------------|
| TTF310QLBP2EG121 | TTF90-G ³ / ₄ TXWL3-10 B15 MM | 90 | TTF90 | Length 3 | 10 | Nitrile | Plugged | 1.5 Bar (22 Psi) | G ³ / ₄ | None | 937878Q | TXWL3-10 |
| TTF320QLBP2EG121 | TTF90-G ³ / ₄ TXWL3-20 B15 MM | 90 | TTF90 | Length 3 | 20 | Nitrile | Plugged | 1.5 Bar (22 Psi) | G ³ / ₄ | None | 937877Q | TXWL3-20 |
| TTF510QLBP2EG161 | TTF125-G1 TXWL3E-10 B15 MM | 125 | TTF125 | Length 5 | 10 | Nitrile | Plugged | 1.5 Bar (22 Psi) | G1 | None | 937852Q | TXWL3E-10 |
| TTF520QLBP2EG161 | TTF125-G1 TXWL3E-20 B15 MM | 125 | TTF125 | Length 5 | 20 | Nitrile | Plugged | 1.5 Bar (22 Psi) | G1 | None | 937875Q | TXWL3E-20 |
| TTF610QLBP2EG203 | TTF170-G1 ¹ / ₂ TXWL4-10 T B15 MM | 170 | TTF170 | Length 6 | 10 | Nitrile | Plugged | 1.5 Bar (22 Psi) | G1 ¹ / ₂ | Diffuser type T | 937853Q | TXWL4-10 |
| TTF620QLBP2EG203 | TTF170-G1 ¹ / ₂ TXWL4-20 T B15 MM | 170 | TTF170 | Length 6 | 20 | Nitrile | Plugged | 1.5 Bar (22 Psi) | G1 ¹ / ₂ | Diffuser type T | 937874Q | TXWL4-20 |
| TTF810QLBP2EG243 | TTF300-G1 ¹ / ₂ TXWL5A-10 T B15 MM | 300 | TTF300 | Length 8 | 10 | Nitrile | Plugged | 1.5 Bar (22 Psi) | G1 ¹ / ₂ | Diffuser type T | 937855Q | TXWL5A-10 |
| TTF820QLBP2EG243 | TTF300-G1 ¹ / ₂ TXWL5A-20 T B15 MM | 300 | TTF300 | Length 8 | 20 | Nitrile | Plugged | 1.5 Bar (22 Psi) | G1 ¹ / ₂ | Diffuser type T | 937872Q | TXWL5A-20 |
| TTF1010QLBP2EG24A | TTF500-G1 ¹ / ₂ TXWL5C-10 T B15 MM NMG | 500 | TTF500 | Length 10 | 10 | Nitrile | Plugged | 1.5 Bar (22 Psi) | G1 ¹ / ₂ | Diffuser type T | 937857Q | TXWL5C-10 |
| TTF1020QLBP2EG24A | TTF500-G1 ¹ / ₂ TXWL5C-20 T B15 MM NMG | 500 | TTF500 | Length 10 | 20 | Nitrile | Plugged | 1.5 Bar (22 Psi) | G1 ¹ / ₂ | Diffuser type T | 937870Q | TXWL5C-20 |

Note: Filter assemblies ordered from the product configurator on the next page are on extended lead times. Where possible, please make your selection from the table above.

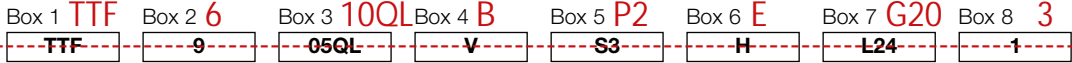
TTF Series

Tanktop Mounted Return Line Filters

Ordering Information (cont.)

Product configurator

Configurator example of a TTF Series filter



| Box 1 | Box 2 | Box 3 |
|-------------|--------------------|--|
| Code | Filter type | Degree of filtration |
| TTF | Housing | Element media |
| | Code | Glass fibre |
| | TTF 1-60 | Microglass III (for disposable elements) |
| | TTF 1-90 | Cellulose |
| | TTF 1-120 | Nom. rating |
| | TTF 1-140 | Disposable element |
| | TTF 1-175 | LEIP® element |
| | TTF 1-150 | |
| | TTF 2-170 | |
| | TTF 2-230 | |
| | TTF 2-300 | |
| | TTF 2-400 | |
| | TTF 2-500 | |
| | | Wire mesh |
| | | Abs. rating |
| | | 10C |
| | | 02Q |
| | | 05Q |
| | | 10Q |
| | | 20Q |
| | | 040W |
| | | 02QL |
| | | 05QL |
| | | X 10QL |
| | | 20QL |

| Box 4 | Seal type |
|----------------------|-------------|
| Seal material | Code |
| Nitrile | B |
| Fluorelastomer | V |
| Neoprene | On request |

| Box 5 | Indicator |
|-------|--|
| | Code |
| | Pressure gauge, setting 1.2 bar, M10x1* |
| | G1 |
| | Pressure gauge, setting 1.2 bar, G ¹ / ₈ for dual head ports |
| | G2 |
| | Pressure switch 42V, 1.2 bar setting, NO/NC, M10x1* |
| | S1 |
| | Pressure switch 42V, 1.2 bar setting, NO with G ¹ / ₈ BSP* |
| | S2 |
| | Pressure switch 42V, 1.2 bar setting, NC with G ¹ / ₈ BSP* |
| | S3 |
| | Pressure switch 250V, NO/NC with G ¹ / ₈ * |
| | S4 |
| | Pressure switch 220V, NO/NC with M10* |
| | S5 |
| | No indicator, indicator ports not machined |
| | On request |
| | X No indicator, indicator ports L + R plugged |
| | P2 |
| | Other settings for indicators / gauges on request |
| | on request |

| Box 6 | Bypass valve |
|-------|------------------------|
| | Code |
| | 0.8 bar |
| | B |
| | X 1.5 bar |
| | E |
| | 2.0 bar for TTF series |
| | H |
| | Blocked bypass |
| | X |
| | Other bypass settings |
| | on request |

| Box 7 | Filter connection |
|-------|--|
| | Code |
| | ISO 228-G ¹ / ₂ * (BSP) (TTF length 2,3,4 and 5) |
| | G12 |
| | ISO 228-G1* (BSP) (TTF length 2,3,4 and 5) |
| | G16 |
| | X ISO 228-G1 ¹ / ₄ * (BSP) (TTF length 6 and larger) |
| | G20 |
| | ISO 228-G1 ¹ / ₂ * (BSP) (TTF length 6 and larger) |
| | G24 |
| | 2xISO 228-G1 ¹ / ₂ * (BSP) (TTF length 6 and larger) |
| | 2G24 |
| | 1 ¹ / ₂ " SAE-3000 PSI (TTF length 6 and larger) |
| | On request |
| | 1 ¹ / ₂ " SAE-3000 PSI (2nd port) + G1 ¹ / ₂ * (TTF length 6 and larger) |
| | LD24 |
| | G2* (TTF length 6 and larger) |
| | On request |
| | G2* + G1 ¹ / ₂ * (TTF length 6 and larger) |
| | GM32 |

| Box 8 | Options |
|-------|---|
| | Code |
| | No diffuser required |
| | 1 |
| | X Diffuser type T with perforated plate area |
| | 3 |
| | Diffuser type P without perforated plate area |
| | 4 |
| | Funnel with integrated hose connection for TTF lengths 2, 3 and 4 |
| | On request |
| | No magnets |
| | 5 |
| | Plugged filling port |
| | 8 |
| | Diffuser type T and no magnets |
| | A |
| | Diffuser type P and no magnets |
| | B |
| | Diffuser type T, no magnets, plugged filling port |
| | C |
| | Diffuser type P, no magnets, plugged filling port |
| | D |
| | Air tight diffuser type T |
| | G |
| | Air tight diffuser type P |
| | H |
| | Other combinations |
| | on request |
| | ATEX certified* |
| | (Category 2, non-electrical equipment) |
| | EX |

Note 1: TTF size 2-400 and 2-500 are standard supplied without magnets.
 Note 2*: For ATEX classified filters add EX after the code.
 For ATEX classified filters with electrical indicator are available on request.
 Visual indicators are classified as Category 2, non electrical equipment.
 Filter assemblies with EX code will be supplied with a dedicated name plate.
 Pls consult Parker Filtration for any questions related to the classification of our products.

| Degree of filtration | | | | | | Media code |
|--|----------|----------|-----------|-----------|------------|-----------------|
| Average filtration beta ratio β (ISO 16889) / particle size μm [c] | | | | | | |
| βx(c)=2 | βx(c)=10 | βx(c)=75 | βx(c)=100 | βx(c)=200 | βx(c)=1000 | |
| % efficiency, based on the above beta ratio (βx) | | | | | | |
| 50.0% | 90.0% | 98.7% | 99.0% | 99.5% | 99.9% | |
| N/A | N/A | N/A | N/A | N/A | 4.5 | 02Q/02QL |
| N/A | N/A | 4.5 | 5 | 6 | 7 | 05Q/05QL |
| N/A | 6 | 8.5 | 9 | 10 | 12 | 10Q/10QL |
| 6 | 11 | 17 | 18 | 20 | 22 | 20Q/20QL |

Highlights Key (Denotes part number availability)

| | |
|------------|-------------------------------|
| 123 | Item is standard |
| 123 | Item is standard green option |
| 123 | Item is semi standard |
| 123 | Item is non standard |

