

# Top-Ported Pressure Filter

v.020724

**NFLK30**

**3000 psi - 210 bar**

**20 gpm - 75 L/min**



## Features and Benefits

- Top-ported pressure filter
- All aluminum assembly
- Offered in pipe, SAE straight thread and ISO 228 porting
- Lock & Key Quality Protected Elements (NFLK30)

Model No. of filter in photograph is NFLK301NLKZ105D5

## Filter Housing Specifications

Flow Rating:	Up to 20 gpm (75 L/min) for 150 SUS (32 cSt) fluids
Max. Operating Pressure:	3000 psi (210 bar)
Min. Yield Pressure:	10,000 psi (690 bar), per NFPA T2.6.1
Rated Fatigue Pressure:	2400 psi (165 bar), per NFPA T2.6.1
Temp. Range:	-20°F to 225°F (-29°C to 107°C)
Bypass Setting:	Cracking: 40 psi (2.8 bar) Full Flow: 85 psi (5.9 bar)
Porting Head:	Aluminum
Element Case:	Aluminum
Weight of NFLK30-1NLK:	3.4 lbs. (1.5 kg)
Weight of NFLK30-1NNLK:	4.4 lbs. (2.0 kg)
Element Change Clearance:	4.50" (115 mm)

### How to Build a Valid Model Number for a Schroeder NFLK30:

NFLK30

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Bowl Length		Element		Porting		Indicator		Options

Bowl Length				
	1 = 1 single element/bowl length			
Element	Element	Media	Micron Rating	Seals
Note: Element code can also be used to build a replacement element.	NLK = Single Length	Z = Excellement Z-Media (Synthetic)	1 = 1μ (Z, ZW Media)	Omit = Buna
	NNLK = Double Length	Omit = E Media (Cellulose) AS = Anti-Stat Media (Synthetic) ZW = Aqua-Excellement ZW Media W = W Media (Water Removal) ED = Electic Drive Media	3 = 3μ (E, Z, AS, ZW Media) 5 = 5μ (Z, AS, ZW Media) 10 = 10μ (E, Z, AS, ZW, ED Media) 25 = 25μ (E, Z, ZW Media) Omit = (W Media Only)	V = Viton
Porting	Porting			
	B = ISO228 G-3/4" P = 3/4" NPTF S = SAE-12			
Indicator <sup>1</sup>				
Omit = None				
Electrical Indicator		Current/Thermal Lockout	Normally Open/Closed	
MS5 = 12" 4-Conductor Cable MS10 = Male DIN Connector MS12 = Male 5 Pin Brad Harrison Connector MS16 = Weather Packed Seal Connector MS17 = Male Micro 4 Pin Brad Harrison Connector MS18 = 2 Pin Amp Junior Power Timer Connector MS19 = 2 Pin Deutsch Connector		Omit = None LC = Low Current T = Thermal Lockout LCT = Low Current with Thermal Lockout	Omit = None (All except MS18 & MS19) NO = Normally Open (Only MS18 & MS19) NC = Normally Closed (Only MS18 & MS19)	
MS11 = 12 ft 4-Conductor Cable				
Electrical Visual Indicator			Current/Thermal Lockout	
MS13DC = Threaded Connector and Light (Direct Current) MS14DC = Male 5 Pin Brad Harrison Connector & Light (Direct Current) MS14AC = Male 5 Pin Brad Harrison Connector & Light (Alternating Current)			Omit = None LC = Low Current T = Thermal Lockout LCT = Low Current with Thermal Lockout	
MS = Cam Operated Switch with 1/2" Conduit, Female Connection				
Visual Indicator				
D = Pointer D5 = Latching Visual Pop-Up D5AS = Latching Visual Pop-Up with aluminum shroud		D8 = Visual with Thermal Lockout D10 = Non-Latching Indicator D13 = Stainless Steel Latching Indicator with Music Wire Spring		

1. Starting from the left you will choose your Indicator Type (visual or electrical), if it's visual you will use the visual column and that will complete this box. If it's electrical you will populate the column under "MS = Electrical." If no indicator is required you will omit the whole section and move onto the next section