



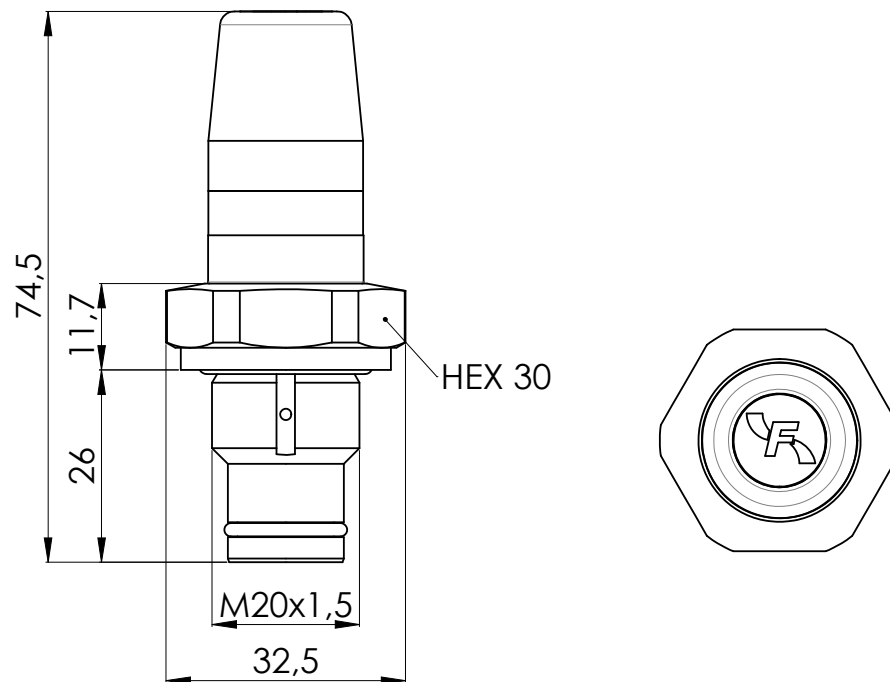
## VS SERIES

Visual differential clogging indicators in stainless steel





PRESSURE:	Max operating up to 700 bar
CONNECTION:	M20x1,5
MATERIALS:	Body: AISI 304 - 316L Cap: PA66 + 30% GF Lens: PA12 Seal: FKM standard
SETTINGS $\Delta P$ :	2,7 bar $\pm 10\%$ 5,0 bar $\pm 10\%$ 8,0 bar $\pm 10\%$
DEGREE OF PROTECTION:	IP65
OPERATING TEMPERATURE:	-30°C - +80°C
FLUID COMPATIBILITY:	Full with HH-HG-HL-HM-HR-HV-HS-HE...- (HFB and HFC water <50%)-HFDU (acc. to ISO 6743/4) For use with other fluid please contact Filtrec Customer Service (info@filtrec.it).

## OVERALL DIMENSIONS

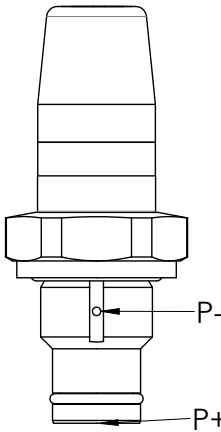



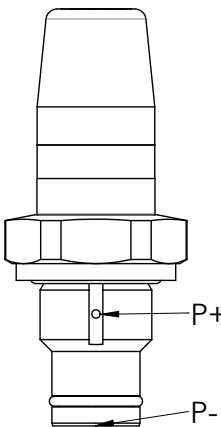

Weight: 124 gr

## MECHANICAL CONDITION

$\Delta P$ CONDITION	VISUAL CONDITION
$P+ - P- < \Delta P_{set}$ : GREEN	
$P+ - P- \geq \Delta P_{set}$ : RED	

## ORDERING INFORMATION / DETAILS

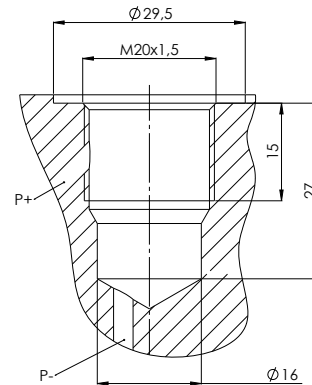
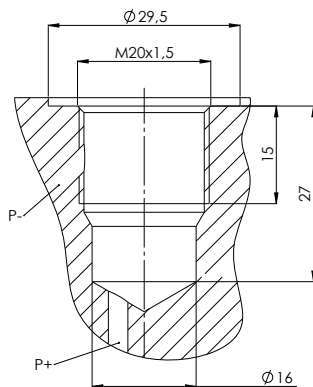
ORDER CODE	MODEL	BODY MATERIAL	VIEW	SETTING
04.006.00601 04.006.00643	<b>VSF2</b> <b>VSLF2</b>	AISI 304 AISI 316L		2,7 bar
04.006.00602 04.006.00644	<b>VSF5</b> <b>VSLF5</b>	AISI 304 AISI 316L		5,0 bar
04.006.00603 04.006.00645	<b>VSF8</b> <b>VSLF8</b>	AISI 304 AISI 316L		8,0 bar
 50 / 90 / 100 Nm - See hydraulic filter catalogues				

ORDER CODE	MODEL	BODY MATERIAL	VIEW	SETTING
04.006.00605 04.006.00647	<b>VSXF2</b> <b>VSLXF2</b>	AISI 304 AISI 316L		2,7 bar
04.006.00606 04.006.00648	<b>VSXF5</b> <b>VSLXF5</b>	AISI 304 AISI 316L		5,0 bar
04.006.00607 04.006.00649	<b>VSXF8</b> <b>VSLXF8</b>	AISI 304 AISI 316L		8,0 bar
 50 / 90 / 100 Nm - See hydraulic filter catalogues				

## INDICATOR SEAT

VS...

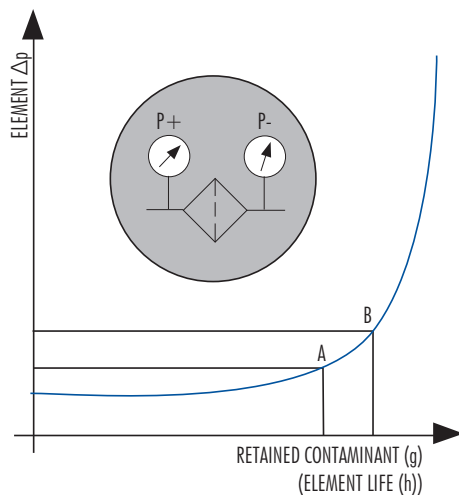
VSX...



Dimensions and tolerances available on request

## USER INFORMATION

The Differential indicator measures the  $\Delta p$  between upstream and downstream of the filter element, i.e. it is the ideal indicator for the in line applications.



The **Pressure Drop** ( $\Delta p$  = differential pressure) through the filter increases during the system operation due to the contaminant retained by the filter element.

The filter element must be replaced when the indicator shows an alarm and before the  $\Delta p$  reaches the by-pass set value (i.e. the set value A of the clogging indicator must always be lower than the set value B of the by-pass value).

**WARNING:** in **cold start** conditions a false alarm can be caused by higher oil viscosity due to low temperature; the indicator alarm must be considered at normal working temperature only.

## INDICATOR SEAT

The following table shows the type of indicator available according to the filter used.

APPLICATION	FILTER CODE	INDICATOR MODEL					
		VSF2/VSLF2	VSF5/VSLF5	VSF8/VSLF8	VSXF2/VSLXF2	VSXF5/VSLXF5	VSXF8/VSLXF8
IN LINE HIGH PRESSURE	<b>F100</b>	X	X	X			
	<b>F280</b>		X	X			
	<b>F420</b>		X	X			
	<b>FD3</b>					X	X
	<b>FDM</b>					X	X
	<b>FH100</b>	X	X	X			
	<b>FH250</b>		X	X			
	<b>FH320</b>		X	X			
	<b>FH323</b>		X	X			
	<b>FH324</b>		X	X			
	<b>FH420</b>		X	X			
	<b>FH700</b>					X	X
	<b>FML320</b>		X	X			
IN LINE MEDIUM PRESSURE	<b>FLR</b>				X	X	X
	<b>FLRD</b>				X	X	X
	<b>F040</b>	X	X	X			
RETURN	<b>FCR7F2x</b>	X					
	<b>FCR7F3x</b>	X					
SPIN-ON	<b>FAH</b>	X					
	<b>FA4</b>				X		
	<b>FAP A4</b>				X		
	<b>FA5</b>				X		
	<b>FAP A5</b>				X		

