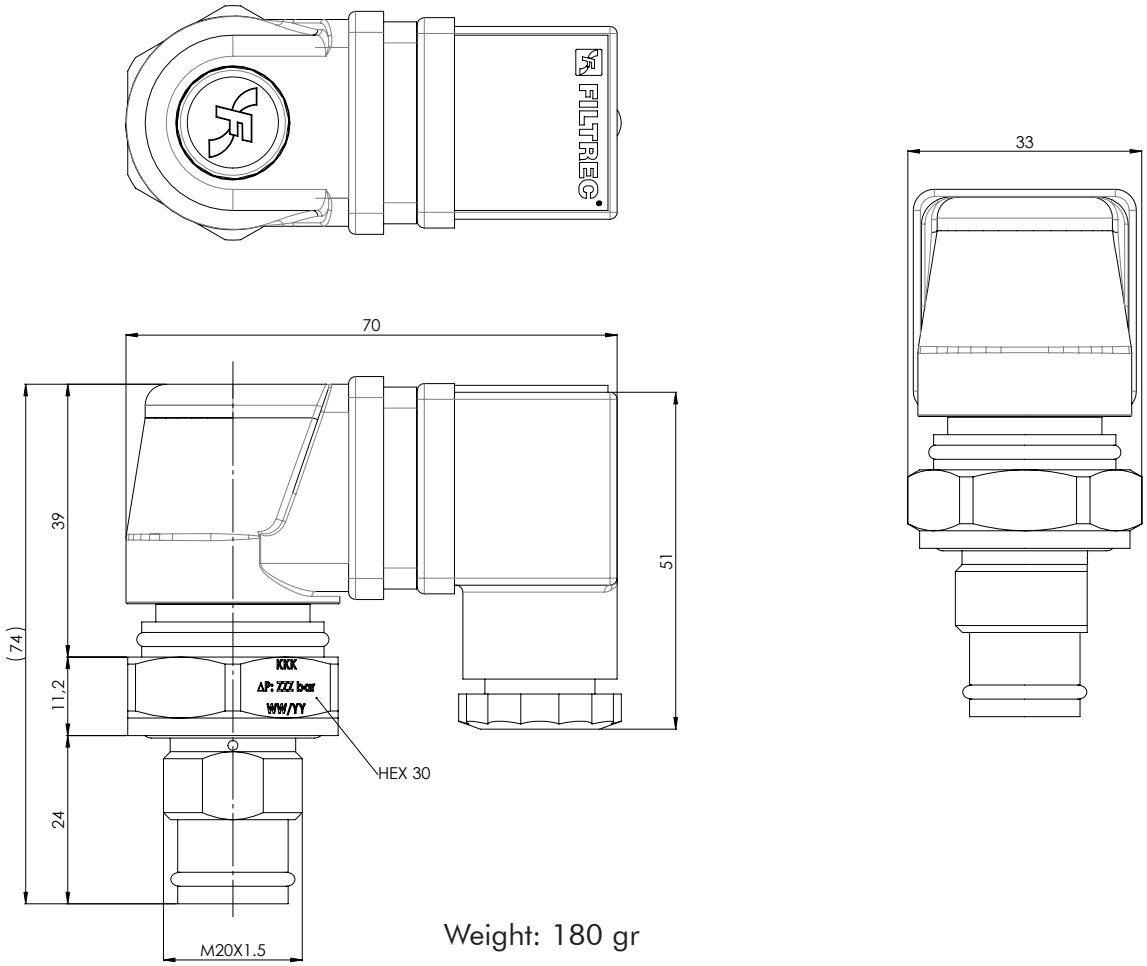
VE SERIES

Visual and electrical differential clogging indicators

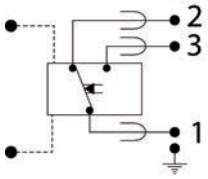
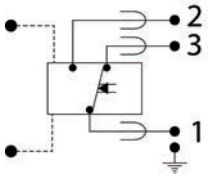
PRESSURE:	Max operating up to 420 bar Burst 1260 bar
CONNECTION:	M20x1,5
MATERIALS:	Body: Brass Cover and connector: PA66 + G.F. Seal: FKM
SETTINGS ΔP:	5,0 bar ± 10%
ELECTRICAL SPECS.:	Contact configuration SPDT Max voltage: 250Vac Max current: 1A resistive 0.3A inductive Max DC voltage: 24Vdc Max current: 3A resistive 1A inductive
CONNECTOR TYPE:	according to DIN 43650 with cable gland PG09/PG11
DEGREE OF PROTECTION:	IP65 according to EN60529
OPERATING TEMPERATURE:	-30°C - +80°C
FLUID COMPATIBILITY:	Full with HH-HL-HM-HV-HETG-HEES (acc. to ISO 6743/4).

OVERALL DIMENSIONS

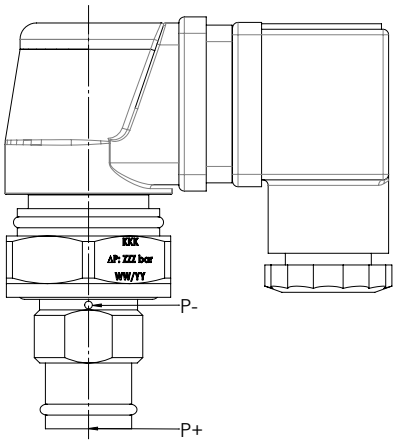


Weight: 180 gr

MECHANICAL CONDITION

ΔP CONDITION	VISUAL CONDITION	ELECTRIC SYMBOL
P+ - P- < ΔPset: GREEN		
P+ - P- ≥ ΔPset: RED		

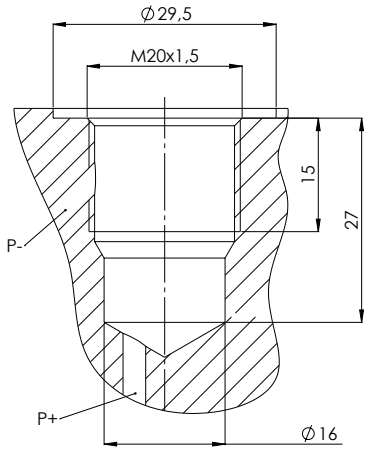
ORDERING INFORMATION / DETAILS

ORDER CODE	MODEL	VIEW	SETTING	ELECTRICAL SPECS.
04.006.00389	**VEF5**		5,0 bar	• Connector DIN 43650 • Max AC voltage: 250Vac • Max current: 1A resistive 0.3A inductive • Max DC voltage: 24Vdc • Max current: 3A resistive 1A inductive • Protection: IP65 EN60529

50 / 90 Nm - See hydraulic filter catalogues

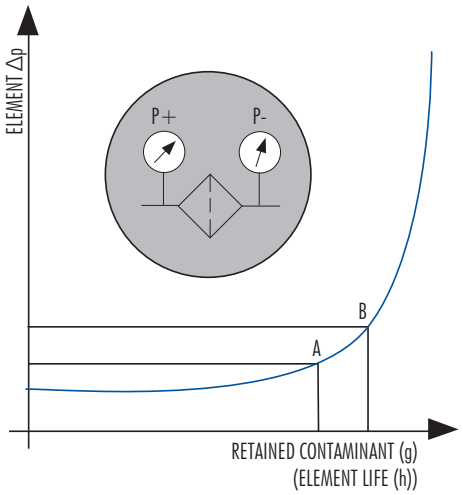
INDICATOR SEAT

VE



USER INFORMATION

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



The **Pressure Drop** (Δp = 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 Δp reaches the by-pass set value (i.e. the set value A of the clogging indicator must always be lower that 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.

OPTIONAL VERSION

Subject to MOQ our differential indicators type VE... can be supplied in special versions like ATEX or with different connectors.
Contact our Customer Service for further information.