

VVA - VVB	
Axial Vacuum Gauge	
R	Ordering code
EN 10226 - R1/4"	VVA 16 P01
EN 10226 - R1/8"	VVB 16 P01

**Hydraulic symbol**

**Dial scale**

**Conversion to SI units**

[cmHg]	[bar]
-12	-0.16
-18	-0.24
-76	-1.01

**Materials**

- Case: Painted Steel
- Window: Transparent plastic
- Dial: Painted Steel
- Pointer: Painted Aluminium
- Pressure connection: Brass
- Pressure element: Bourdon tube Cu-alloy soft soldered

**Technical data**

- Max working pressure: Static: 7 bar  
Fluctuating: 6 bar  
Short time: 10 bar
- Working temperature: From -40 °C to +60 °C
- Compatibility with fluids: Mineral oils, Synthetic fluids  
HFA, HFB, HFC according to ISO 2943
- Accuracy: Class 2.5 according to EN 13190
- Degree of protection: IP31 according to EN 60529

VVR - VVS		
Radial Vacuum Gauge		
R	A/F	Ordering code
EN 10226 - R1/4"	14	VVR 16 P01
EN 10226 - R1/8"	11	VVS 16 P01

**Hydraulic symbol**

**Dial scale**

**Conversion to SI units**

[cmHg]	[bar]
-12	-0.16
-18	-0.24
-76	-1.01

**Materials**

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- Window: Transparent plastic
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### Designation & Ordering code

VACUUM INDICATORS							
<b>Series</b>	Configuration example 1: <b>VE</b> <b>A</b> <b>21</b> <b>A</b> <b>A</b> <b>50</b> <b>P01</b>						
<b>VE</b> Electrical vacuum indicator	Configuration example 2: <b>VL</b> <b>B</b> <b>21</b> <b>A</b> <b>A</b> <b>71</b> <b>P01</b>						
<b>VL</b> Electrical/Visual vacuum indicator	Configuration example 3: <b>VV</b> <b>R</b> <b>16</b> <b></b> <b></b> <b></b> <b>P01</b>						
<b>VV</b> Vacuum gauge							
<b>Type VE - VL</b>	<b>Type VV</b>						
<b>A</b> Connection EN 10226 - R1/4"	<b>A</b> Axial connection EN 10226 - R1/4"						
<b>B</b> Connection EN 10226 - R1/8"	<b>B</b> Axial connection EN 10226 - R1/8"						
	<b>R</b> Radial connection EN 10226 - R1/4"						
	<b>S</b> Radial connection EN 10226 - R1/8"						
<b>Vacuum setting</b>	<b>VE</b>	<b>VL</b>	<b>VV</b>				
<b>16</b> -0.16 bar			•				
<b>21</b> -0.21 bar	•	•					
<b>Seals</b>	<b>VE</b>	<b>VL</b>					
<b>A</b> NBR	•	•					
<b>Thermostat</b>	<b>VE</b>	<b>VL</b>					
<b>A</b> Without	•	•					
<b>Electrical connections</b>	<b>VE</b>	<b>VL</b>					
<b>50</b> Connection EN 175301-803	•						
<b>51</b> Connection EN 175301-803, transparent base with lamps 24 Vdc		•					
<b>52</b> Connection EN 175301-803, transparent base with lamps 110 Vdc		•					
<b>53</b> Connection EN 175301-803, transparent base with lamps 230 Vdc		•					
<b>71</b> Connection IEC 61076-2-101 D (M12), black base with lamps 24 Vdc		•					
	<b>Option</b>						
	<b>P01</b> MP Filtri standard						
	<b>Pxx</b> Customized						