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# VM: Medium Pressure Type D: Visual & Electrical Switch

Early warning pressure devices protect the hydraulic circuit from contamination, alerting the operator that the filter element is near capacity and must be changed. The clogging indicator is typically set to trip at 1-bar (14 psid) below the filter bypass setting, to allow the operator sufficient time for element change-out. Available in visual, combo electrical/visual, as well as an extensive list of other options and certifications. A comprehensive offering of clogging indicators ensures that

[+ more](#)



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| Part Number            | Model Code Description | Type of Indication                   | Trip Pressure / Range | Operating Pressure [Max] | Thread | Medium      | Maximum Torque     |
|------------------------|------------------------|--------------------------------------|-----------------------|--------------------------|--------|-------------|--------------------|
| <a href="#">304656</a> | VM 8 D.0 /-V-L110      | Visual Indicator & Electrical Switch | 8 bar<br>116 psi      | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |
|                        |                        | Visual                               |                       |                          |        |             |                    |

| Part Number    | Model Code Description | Type of Indication                   | Trip Pressure / Range | Operating Pressure [Max] | Thread | Medium      | Maximum Torque     |
|----------------|------------------------|--------------------------------------|-----------------------|--------------------------|--------|-------------|--------------------|
| <u>2087271</u> | VM0.8D.0 /L110         | Indicator & Electrical Switch        | 0.8 bar<br>12 psi     | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |
| <u>1280653</u> | VM0.8D.0 /L24          | Visual Indicator & Electrical Switch | 0.8 bar<br>12 psi     | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |
| <u>2097146</u> | VM0.8D.0 /-V-L110      | Visual Indicator & Electrical Switch | 0.8 bar<br>12 psi     | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |
| <u>2075066</u> | VM0.8D.0 /V-L24        | Visual Indicator & Electrical Switch | 0.8 bar<br>12 psi     | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |
| <u>319264</u>  | VM1.5D.0 /-L24         | Visual Indicator & Electrical Switch | 1 bar<br>15 psi       | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |
| <u>2201020</u> | VM1.5D.0 /L24-cRUus    | Visual Indicator & Electrical Switch | 1 bar<br>15 psi       | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |
| <u>1272485</u> | VM1.5D.0 /-LED         | Visual Indicator & Electrical Switch | 1 bar<br>15 psi       | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |
| <u>1268515</u> | VM1D.0/-L24            | Visual Indicator & Electrical Switch | 1 bar<br>15 psi       | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |

| Part Number             | Model Code Description | Type of Indication                   | Trip Pressure / Range | Operating Pressure [Max] | Thread | Medium      | Maximum Torque  |
|-------------------------|------------------------|--------------------------------------|-----------------------|--------------------------|--------|-------------|-----------------|
| <a href="#">2096336</a> | VM1D.0/L 24-cRUus      | Visual Indicator & Electrical Switch | 1 bar 15 psi          | 210 bar 3000 psi         | G 1/2  | Mineral Oil | 24 lb·ft 33 N·m |
| <a href="#">1264751</a> | VM1D.0/- LED           | Visual Indicator & Electrical Switch | 1 bar 15 psi          | 210 bar 3000 psi         | G 1/2  | Mineral Oil | 24 lb·ft 33 N·m |
| <a href="#">2083589</a> | VM1D.0/V -L110         | Visual Indicator & Electrical Switch | 1 bar 15 psi          | 210 bar 3000 psi         | G 1/2  | Mineral Oil | 24 lb·ft 33 N·m |
| <a href="#">1290055</a> | VM2.5D.0 /L110         | Visual Indicator & Electrical Switch | 2 bar 29 psi          | 210 bar 3000 psi         | G 1/2  | Mineral Oil | 24 lb·ft 33 N·m |
| <a href="#">1297042</a> | VM2.5D.0 /-L220        | Visual Indicator & Electrical Switch | 2 bar 29 psi          | 210 bar 3000 psi         | G 1/2  | Mineral Oil | 24 lb·ft 33 N·m |
| <a href="#">1286601</a> | VM2.5D.0 /L24          | Visual Indicator & Electrical Switch | 2 bar 29 psi          | 210 bar 3000 psi         | G 1/2  | Mineral Oil | 24 lb·ft 33 N·m |
| <a href="#">2096485</a> | VM2.5D.0 /L24-cRUus    | Visual Indicator & Electrical Switch | 2 bar 29 psi          | 210 bar 3000 psi         | G 1/2  | Mineral Oil | 24 lb·ft 33 N·m |
|                         |                        | Visual                               |                       |                          |        |             |                 |

| Part Number                    | Model Code Description | Type of Indication                   | Trip Pressure / Range | Operating Pressure [Max] | Thread | Medium      | Maximum Torque     |
|--------------------------------|------------------------|--------------------------------------|-----------------------|--------------------------|--------|-------------|--------------------|
| <a href="#"><u>2202593</u></a> | VM2.5D.0 /V-L110       | Indicator & Electrical Switch        | 2 bar<br>29 psi       | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |
| <a href="#"><u>2096484</u></a> | VM2.5D.0 /V-L110-cRUus | Visual Indicator & Electrical Switch | 2 bar<br>29 psi       | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |
| <a href="#"><u>1270329</u></a> | VM2D.0/3 0C-L24        | Visual Indicator & Electrical Switch | 2 bar<br>29 psi       | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |
| <a href="#"><u>316955</u></a>  | VM2D.0/L 110           | Visual Indicator & Electrical Switch | 2 bar<br>29 psi       | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |
| <a href="#"><u>2089878</u></a> | VM2D.0/L 110-cRUus     | Visual Indicator & Electrical Switch | 2 bar<br>29 psi       | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |
| <a href="#"><u>2080141</u></a> | VM2D.0/L 110-T100      | Visual Indicator & Electrical Switch | 2 bar<br>29 psi       | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |
| <a href="#"><u>307847</u></a>  | VM2D.0/- L220          | Visual Indicator & Electrical Switch | 2 bar<br>29 psi       | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |
| <a href="#"><u>2068925</u></a> | VM2D.0/L 220           | Visual Indicator & Electrical Switch | 2 bar<br>29 psi       | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |

| Part Number   | Model Code Description | Type of Indication                   | Trip Pressure / Range | Operating Pressure [Max] | Thread | Medium      | Maximum Torque     |
|---------------|------------------------|--------------------------------------|-----------------------|--------------------------|--------|-------------|--------------------|
| <u>312682</u> | VM2D.0/-L24            | Visual Indicator & Electrical Switch | 2 bar<br>29 psi       | 210 bar<br>3000 psi      | G 1/2  | Mineral Oil | 24 lb·ft<br>33 N·m |