



# Реле давления CONDOR

## Стойкость мембран к среде

| Тип реле давления                                                                                                              | MDR 3 RM<br>MDR 5<br>MDR F<br>MDR-P<br>MDR-K | MDR F<br>MDR P | MDR F<br>(high pressure) | MDR F           | MDR 43<br>MDR 53    | MDR 1<br>MDR 11 | MDR 2<br>MDR 21<br>MDR 3<br>MDR 4 |
|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------|--------------------------|-----------------|---------------------|-----------------|-----------------------------------|
| Материал*                                                                                                                      | NBR<br>Perbunan                              | FPM<br>Viton   | Polyacetal<br>POM        | Stainless steel | CR + PA6.6<br>603 C | TPE<br>Hytrel   | NBR/SBR<br>NL348-1                |
| (ammonia solution)                                                                                                             | 2                                            | 1              | 1                        | 1               |                     | 2               |                                   |
| Aceton $\text{CH}_3\text{COCH}_3$<br>$\text{CH}_3\text{COCH}_3$<br>$\text{CH}_3\text{COCH}_3$                                  |                                              | X              |                          | 1               |                     |                 |                                   |
| Acetylene $\text{HC} = \text{CH}$<br>$\text{HC} = \text{CH}$<br>$\text{HC} = \text{CH}$                                        | 1                                            | 1              | 1                        | 1               | 1                   | 1               |                                   |
| air                                                                                                                            | 1                                            | 1              | 1                        | 1               | 1                   | 1               | 1                                 |
| Ammonia, 25 %                                                                                                                  |                                              | 1              |                          | 1               |                     |                 |                                   |
| Ammonia, watery 100 %                                                                                                          |                                              | X              |                          | 1               |                     |                 |                                   |
| Benzene                                                                                                                        |                                              | 1              |                          | 1               |                     | 2               |                                   |
| Butane $\text{C}_4\text{H}_{10}$<br>$\text{C}_4\text{H}_{10}$<br>$\text{C}_4\text{H}_{10}$                                     | 1                                            | 1              | 1                        | 1               | 1                   | 1               |                                   |
| Butyl acetate $\text{CH}_3\text{COOCH}_2\text{CH}_2\text{CH}_2\text{CH}_3$                                                     |                                              | X              |                          | 1               |                     | 2               |                                   |
| Butyl alcohol $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$                                                          |                                              |                |                          | 1               |                     |                 |                                   |
| Carbon dioxide $\text{CO}_2$                                                                                                   | 1                                            | 1              | 1                        | 1               | 1                   | 1               |                                   |
| Carbonic acid $\text{H}_2\text{CO}_3$                                                                                          | 1                                            | 1              | 1                        | 1               |                     |                 |                                   |
| Chlorine $\text{Cl}_2$                                                                                                         |                                              | 2              |                          |                 |                     |                 |                                   |
| Cooling liquid                                                                                                                 |                                              | 1              |                          | 1               |                     |                 | 2                                 |
| Diesel                                                                                                                         | 1                                            | 1              | 1                        | 1               |                     |                 | 2                                 |
| Dimethylbenzene<br>$\text{C}_6\text{H}_4(\text{CH}_3)_2$                                                                       |                                              | 1              |                          | 1               |                     |                 |                                   |
| Ethyl acetate $\text{CH}_3\text{COOCH}_2\text{CH}_3$<br>$\text{C}_2\text{H}_5\text{COOCH}_3$                                   |                                              |                |                          | 1               |                     | 2               |                                   |
| Ethylene glycol<br>$\text{CH}_2\text{OH}-\text{CH}_2\text{OH}$<br>$\text{CH}_2\text{OH}-\text{CH}_2\text{OH}$                  | 1                                            | 1              | 1                        | 1               |                     | 1               |                                   |
| Fuel oil                                                                                                                       | 1                                            | 1              | 1                        | 1               |                     |                 |                                   |
| Glycerol<br>$\text{CH}_2\text{OH}-\text{CHOH}-\text{CH}_2\text{OH}$<br>$\text{CH}_2\text{OH}-\text{CHOH}-\text{CH}_2\text{OH}$ | 1                                            | 1              | 1                        | 1               | 1                   |                 |                                   |
| Hydrogen<br>$\text{H}_2$                                                                                                       | 1                                            | 1              | 1                        | 1               | 1                   | 1               |                                   |
| Methyl chloride $\text{CH}_3\text{Cl}$                                                                                         |                                              | 1              |                          | 1               |                     |                 |                                   |
| Mineral oil                                                                                                                    | 1                                            | 1              |                          | 1               | 2                   | 1               | 2                                 |
| Natural gas                                                                                                                    | 1                                            | 1              | 1                        | 1               | 1                   |                 |                                   |
| Nitrogen<br>$\text{N}_2$                                                                                                       | 1                                            | 1              | 1                        | 1               |                     |                 |                                   |
| Oxygen<br>$\text{O}_2$                                                                                                         |                                              | 1              |                          | 1               |                     |                 |                                   |
| Ozone                                                                                                                          |                                              | 1              |                          | 1               |                     |                 |                                   |
| Perchlorethylene<br>$\text{CCl}_2=\text{CCl}_2$<br>$\text{CCl}_2=\text{CCl}_2$                                                 |                                              | 1              |                          | 1               |                     |                 |                                   |
| Petroleum                                                                                                                      | 1                                            | 1              | 1                        | 1               | 1                   |                 |                                   |
| Phenolic acid<br>$\text{C}_6\text{H}_5(\text{OH})$<br>$\text{C}_6\text{H}_5(\text{OH})$                                        |                                              |                |                          | 1               |                     |                 |                                   |
| Propane $\text{C}_3\text{H}_8$                                                                                                 | 1                                            | 1              | 1                        | 1               | 1                   |                 |                                   |
| Shielding gases                                                                                                                |                                              |                |                          | 1               |                     |                 |                                   |
| Silicone oil                                                                                                                   | 1                                            | 1              |                          |                 | 1                   |                 |                                   |
| Sulfur dioxide $\text{SO}_2$                                                                                                   |                                              |                |                          | 1               | 1                   |                 |                                   |
| Synthetic oils                                                                                                                 | 1                                            | 1              |                          | 1               |                     |                 | 2                                 |



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|-----------------------------------------|----------------------------------------------|----------------|--------------------------|-------|------------------|-----------------|-----------------------------------|
| Toluene (Phenylmethane)<br>$C_6H_5CH_3$ |                                              | 1              |                          | 1     |                  |                 |                                   |
| Trichlorethene<br>$CHCl=CCl_2$          |                                              | 1              |                          | 1     |                  |                 |                                   |
| Urine                                   | 1                                            | 1              |                          |       |                  |                 |                                   |
| Vegetable oil                           | 1                                            | 1              |                          | 1     |                  |                 |                                   |
| Vinegar 25 %                            |                                              |                |                          | 1     |                  |                 |                                   |
| Water - Sea water                       | 1                                            | 1              | 1                        | 1     | 1                | 1               |                                   |
| Water - water vapor                     | 1                                            | 1              |                          | 1     |                  |                 |                                   |
| Water Distilled, aired                  | 1                                            | 1              | 1                        | 1     | 1                | 1               |                                   |
| Water $H_2O$                            | 1                                            | 1              | 1                        | 1     | 1                | 1               | 1                                 |

1 = допустимо

2 = ограниченно допустимо

x = не устойчив

Пустое поле = не тестировалось

\*) При установке реле давления необходимо учитывать коррозионную стойкость материала труб и фитингов.  
На работу мембраны могут также влиять: изменение химического состава и перепады температур.

**Мы рекомендуем** проводить тест на устойчивость к среде перед использованием продукта.

**Рутектор** – официальный дистрибьютор CONDOR WERKE в России.

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