

## Solenoid switch Series VNC/VNP/RV2I/DCP2



|                      |                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------|
| Design type          | Reed switch Type VNCR2, VNPR2, RV2I, DCP2<br>electronic switches Type VNCE3, VNPE3<br>all switches with LED |
| Actuation            | by permanent magnet                                                                                         |
| Ambient temperature  | -20...+85°C, DCP2 -20...+75°C                                                                               |
| Mounting type        | in the cylinder groove or rather with Fastening element                                                     |
| Function             | Normally closed (NC) or rather electronic switches 3-wire PNP                                               |
| Degree of protection | IP67                                                                                                        |



## Solenoid switch

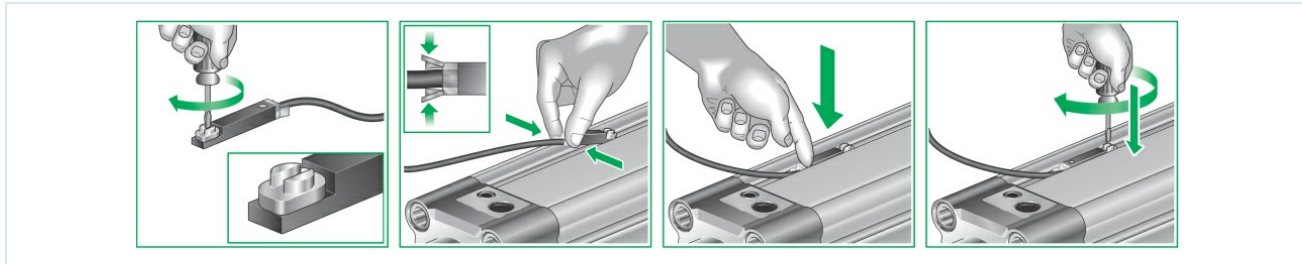
|            |  |  |
|------------|--|--|
| DCP2       |  |  |
| VNPR2/RV2I |  |  |
| VNCR2      |  |  |
| VNPE3      |  |  |
| VNCE3      |  |  |

| Voltage [V]    | maximum current [mA] | maximum power [VA]/[W] | Electrical service life | Contact resistance | Cable length [m]        | Type  |
|----------------|----------------------|------------------------|-------------------------|--------------------|-------------------------|-------|
| 3...110 AC/DC  | 300                  | 10/10                  | $10^7$                  | 0,1                | 3 (incl. device socket) | DCP2  |
| 10...250 AC/DC | 250                  | 8/8                    | $10^7$                  | 0,1                | 2,5                     | RV2I  |
| 3...48 AC/DC   | 100                  | 6                      | $10^7$                  | 0,1                | -                       | VNCR2 |
| 3...48 AC/DC   | 100                  | 6                      | $10^7$                  | 0,1                | 3                       | VNPR2 |
| 6...30 DC      | 200                  | 4                      | $10^9$                  | -                  | -                       | VNCE3 |
| 6...30 DC      | 200                  | 4                      | $10^9$                  | -                  | 3                       | VNPE3 |

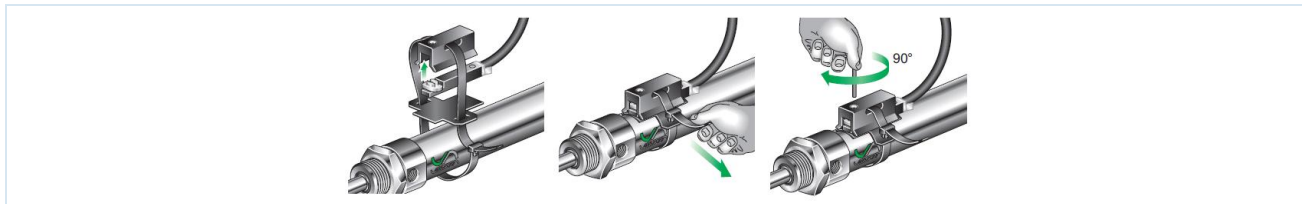
| Cylinder/Gripper | Diameter [mm] | Switch type | Fastening element  |
|------------------|---------------|-------------|--------------------|
| ACM              | 16-25         | VN../RV2I   | FFS01VN            |
| ACMT             | 32-50         | VN../RV2I   | FFS02VN            |
| AW               | 32-100        | VN../RV2I   | none               |
| CRW              | 25-100        | VN../RV2I   | none               |
| DVM              | 12            | VN..        | FFS01VN            |
| DVM              | 16-25         | VN../RV2I   | FFS01VN            |
| MHM              | 20-32         | VN../RV2I   | none               |
| MHM              | 50            | DCP2        | none               |
| NSKU/NSKI        | 16-100        | VN../RV2I   | none               |
| NWT              | 32-125        | VN../RV2I   | none               |
| XJC              | 160-200       | VN../RV2I   | FJS160VN, FJS200VN |



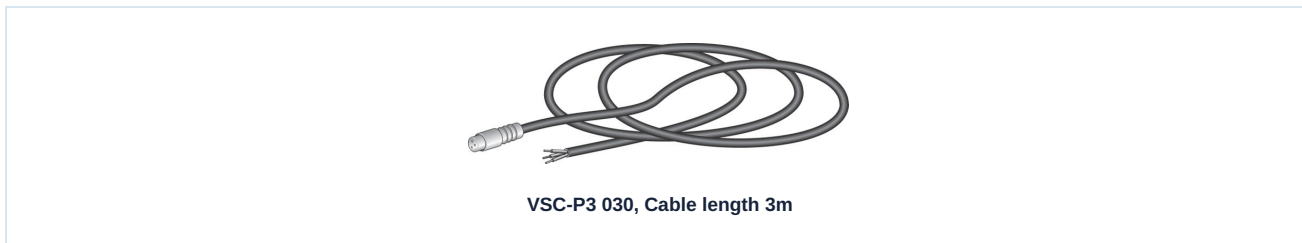
## Assembly instructions for Solenoid switch



## Assembly instructions for Cylinder to ISO6432



## Extension cable for Solenoid switch Series VNC



VSC-P3 030, Cable length 3m

Illustrations non-binding  
Design, dimensional and material changes reserved

[Pneumatics](#) / [Cylinders](#) / [Magnetic switches with accessories](#) / [Magnetic switch Series VN/RV](#)

