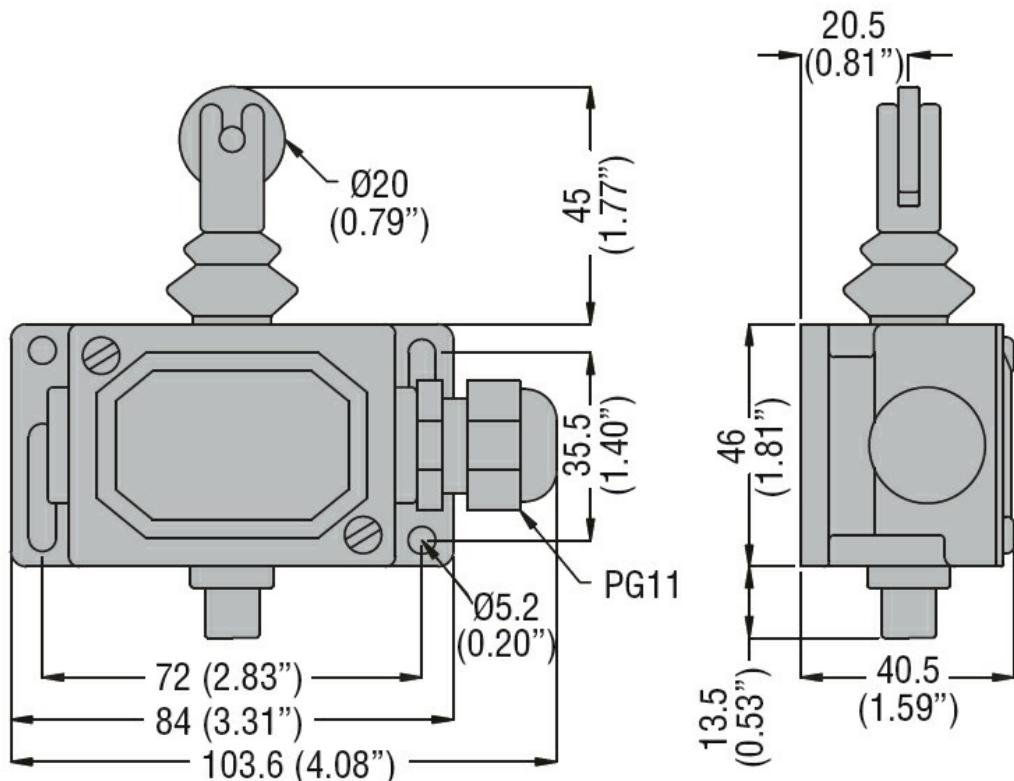
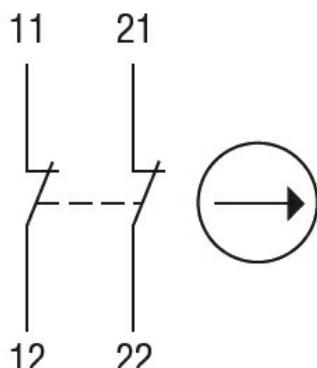




|  |                                    |                        |                     |  |  |
|--|------------------------------------|------------------------|---------------------|--|--|
| Product designation                                | Top roller push plunger<br>PLN...R |                        |                     |  |  |
| Product type designation                           |                                    |                        |                     |  |  |
| General characteristics                            |                                    |                        |                     |  |  |
| Material   | Housing                            | Aluminium-zinc alloy   |                     |  |  |
| Contact characteristics                            |                                    |                        |                     |  |  |
| Type of contact                                    | 2NC                                |                        |                     |  |  |
| Thermal current $I_{th}$                           | A                                  | 10                     |                     |  |  |
| Rated insulation voltage $U_i$                     | V                                  | 400                    |                     |  |  |
| Short-circuit protection with fuse                 | Class/A                            | 10 gG/SC<br>QUICK FUSE |                     |  |  |
| IEC Conventional free air thermal current $I_{th}$ | A                                  | 10                     |                     |  |  |
| Resistance per pole (average value)                | m?                                 | <10                    |                     |  |  |
| Mechanical features                                |                                    |                        |                     |  |  |
| Operating head fixing                              | Fixed                              |                        |                     |  |  |
| Tightening torque (Max)                            | Switch fixing                      |                        |                     |  |  |
|  |                                    | Nm                     | 2.5                 |  |  |
|  |                                    | lbin                   | 22.1                |  |  |
| Conductor section                                  |                                    |                        |                     |  |  |
|  | AWG/Kcmil                          | max                    | 14                  |  |  |
|  | IEC                                | max                    | mm <sup>2</sup> 2.5 |  |  |
| Cable connection                                   | Screw terminal with clamp          |                        |                     |  |  |
| Cable entry  | PG11 with cable gland              |                        |                     |  |  |
| Weight   | g                                  | 230                    |                     |  |  |
| Operations   |                                    |                        |                     |  |  |
| Mechanical life                                    | cycles                             | >10000000              |                     |  |  |
| Mechanical operation                               | cycles/h                           | 3600                   |                     |  |  |
| Ambient conditions                                 |                                    |                        |                     |  |  |
| Temperature  | Operating temperature              |                        |                     |  |  |
|  |                                    | min                    | °C -25              |  |  |
|  |                                    | max                    | °C +70              |  |  |
|  | Storage temperature                |                        |                     |  |  |
|  |                                    | min                    | °C -40              |  |  |
|  |                                    | max                    | °C +70              |  |  |
| Resistance & Protection                            |                                    |                        |                     |  |  |
| IP degree  | Body housing                       | IP65                   |                     |  |  |
| Dimensions   |                                    |                        |                     |  |  |



### Wiring diagrams



**2NC**

### Certifications and compliance

#### Compliance

EN 81-1.  
IEC/EN 60947-1  
IEC/EN 60947-5-1

#### Certificates

EAC  
IMQ

### ETIM classification

ETIM 8.0

EC000030 - End switch