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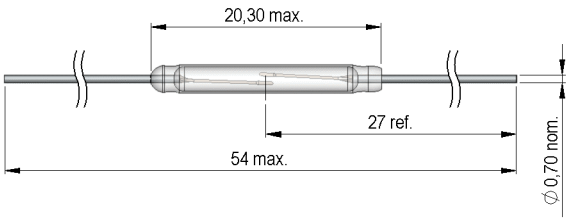
Item No.:
**4500832730**
Item:
**PR126/27-30 AT**
**Switch 08/3 STANDEX**

# Preliminary Datasheet

**Dimensions mm[inch]**
tolerances acc. to DIN ISO 2768-m
*Toleranzen gem. DIN ISO 2768-m*




**Isometric**
Scale 1:1
*Maßstab 1:1*

| Magnetic properties | Conditions | Min | Typ | Max | Unit |
|---|---|---|---|---|---|
| Pull-In excitation (Reference value) | Reed switch unmodified<br>measured in coil- "define operation" | 27 | | 30 | AT |
| Test-Coil | Reed switch unmodified | | Standex coil (KMS-50) | | |

| Contact data 08/3 | Conditions | Min | Typ | Max | Unit |
|---|---|---|---|---|---|
| Contact - No. | | | 08/3 | | |
| Contact-form | | | A | | |
| Contact-material | | | PGM-alloy | | |
| Contact rating | Any DC combination of V & A<br>not to exceed their individual max.'s | | | 70 | W |
| Switching voltage | DC or Peak AC | | | 300 | V |
| Switching current | DC or Peak AC | | | 1.5 | A |
| Carry current | DC or Peak AC | | | 2.5 | A |
| Contact resistance static | Start value | | | 100 | mOhm |
| Insulation resistance | RH <45 %, 100 V test voltage | 10 | | | GOhm |
| Breakdown voltage | according to EN 60255-5 | 750 | | | VDC |
| Operate time incl. bounce | | | | 0.8 | ms |
| Release time | measured with no coil excitation | | | 0.1 | ms |
| Capacity | @ 10 kHz across open switch | | 0.3 | | pF |

| Special Product Data | Conditions | Min | Typ | Max | Unit |
|---|---|---|---|---|---|
| Reach II / RoHS conformity | | | yes | | |

| Environmental data | Conditions | Min | Typ | Max | Unit |
|---|---|---|---|---|---|
| Shock | 1/2 sine, duration 11ms, in 3 axis | | | 50 | g |
| Vibration | from 10 - 2000 Hz | | | 20 | g |
| Ambient temperature | | -40 | | 125 | °C |
| Storage temperature | | -50 | | 155 | °C |
| Soldering temperature | wave soldering max. 5 sec. | | | 260 | °C |