

T2S 461-22Y

- **Metal enclosure**
- **With large after-travel**
- **2 cable entries M 20 x 1.5**
- **118 mm x 155 mm x 64 mm (basic component)**
- **Actuator head with captive stainless steel ball actuator**

Data

Ordering data	
	T2S 461-22Y
	101058600
EAN (European Article Number)	4030661032948
eCl@ss number, Version 9.0	27-27-06-01
Approval - Standards	
	EAC
General data	
Product name	461 telescopic plunger 2S
	EN 60947-5-1
Active principle	mechanical
Slide form	Sphere
Enclosure material	Grey cast iron, galvanised
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	2,045 g
General data - Features	
Number of openers	2
Number of shutters	2

Safety appraisal - Safety outputs	
B10d Normally-closed contact (NC)	2,000,000 Operations
Mechanical data	
Actuating element	Plunger
Mechanical life, minimum	10,000,000 Operations
Actuating angle	20 °
Contact opening	max. 2 x 6 mm
Actuating speed, minimum	1 mm/min
Actuating speed, maximum	1 m/s
Note (Actuating speed)	Actuating speed with vertical actuating angle to switch axis
Mechanical data - Connection technique	
Terminal Connector	Screw connection
	1.5 mm²
	2.5 mm²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.
Wire cross-section	13 AWG
Mechanical data - Dimensions	
Height of sensor	217 mm
Length of sensor	64 mm
Width of sensor	118 mm
Diameter of the Plunger	10 mm
Ambient conditions	
Protection class	IP 65 to IEC/EN 60529
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+90 °C
Ambient conditions - Insulation value	
Rated impulse withstand voltage	6 kV
Electrical data	
Thermal test current	16 A
Utilisation category AC-15	400 VAC

Utilisation category AC-15	4 A
Switching element	NO contact / NC contact
Note (Switching element)	with double break
Switching principle	Creep circuit element

Notes

Note (General)	Actuation from the side of the plunger should be avoided, since this reduces the mechanical life of the position switch.

Pictures

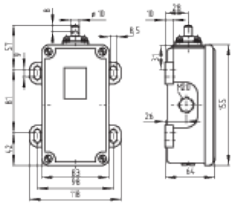
Photo/Product/Catalogue



ID: bt441f03

| 27,3 kB | .png | 74.083 x 72.672 mm - 210 x 206 Pixel - 72 dpi
| 87,3 kB | .jpg | 149.225 x 146.05 mm - 423 x 414 Pixel - 72 dpi

Dimension/Product/Basic



ID: 1t461g01

| 110,5 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691 Pixel - 72 dpi
| 9,2 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel - 72 dpi
| 35,2 kB | .cdr |

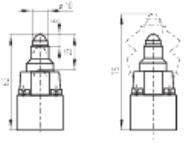
Diagramm/Product/Travel



ID: kt441s02

| 945,0 b | .png | 74.083 x 52.564 mm - 210 x 149 Pixel - 72 dpi
| 34,9 kB | .jpg | 352.778 x 167.217 mm - 1000 x 474 Pixel - 72 dpi

Dimension/Product/Actuator



ID: 1t422b02

| 59,9 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 Pixel - 72 dpi
| 3,1 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel - 72 dpi

Illistration/Product/Function



ID: 235sz01

| 14,1 kB | .cdr |
| 1,8 kB | .png | 74.083 x 251.883 mm - 210 x 714 Pixel - 72 dpi
| 95,3 kB | .jpg | 352.778 x 1199.444 mm - 1000 x 3400 Pixel - 72 dpi



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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.
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