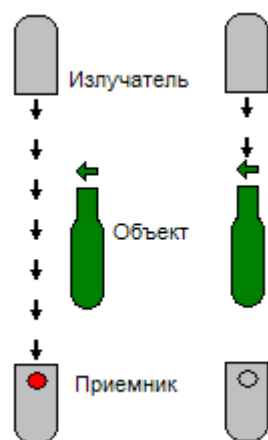


Aterma - Export

Ultrasonic Contactless Switch

USC1-100
USC1-40



Ultrasonic Contactless Switch USC1. Barrier type.

Designed for:

Object recognition of any material and any structure: transparent, opaque, powder, etc. Object recognition can occur in conditions of dust, of smoke, mist. Switches are not susceptible to extraneous noise, sound and light.

Consists of a transmitter and a receiver. Emitter continuously emits pulsed ultrasonic signal. A receiver receives and processes the signal. In his absence, the state data output changes.

Used in industrial automation, robotics, as the terminating switch, etc. These switches are not customizable. Perhaps sharing USC1 100 and-40. Perhaps the use of the receiver and transmitter to diffuse pattern.

The presence of thread on the case allows you to securely fix the unit during installation.

TECHNICAL SPECIFICATIONS

- | | |
|---|---------------------|
| • Degree of protection | IP67 |
| • Type of connection | cable 3x0, 35 mm.sq |
| • Housing material | Polyamide 66 |
| • Working pressure | up to 2 atm. |
| • Weight | less than 150g. |
| • The indicator actuation | has |
| • The indicator supply voltage | has |
| • Protection against reverse voltage | has |
| • No power adjustment | |
| • • Dimensions: Version 1: M30h1, 5 L = 70mm. | |
| • • Version 2: L = 70mm diam.32mm. | |
| • diagram of the breaking load (requirements for closing) | |
| • Operating a switching frequency at least | 50 Hz. |
| • Operating temperature | -50 / +50 ° C |
| • Operating voltage | 10 ... 30VDC |
| • Switching current load. | 150 mA |
| • Voltage load switching | 50V. |

USC1-100:

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|--------------------------------------|--------------|
| • The emission frequency | 100kHz |
| • Power consumption is not more than | 0.04 A |
| • Field sensitivity | 0 ... 400mm. |

USC1-40:

- | | |
|--|--------------|
| • • The emission frequency | 40kHz |
| • • Power consumption is not more than | 0.04 A |
| • • Field sensitivity | 0 ... 600mm. |

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