

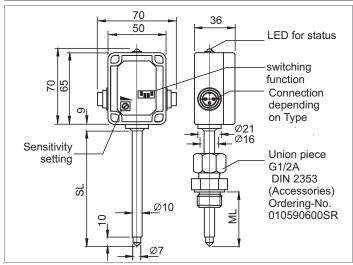


Compact Limit Switch

integrated alternating light circuit module relay output

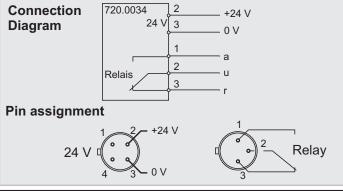
switching direction can be set with a switch adjustable sensitivity for any application

Product grou	ıp 720
Туре	0034
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Sensor length SL	Measuring length
100 250 550 1050 2050	18 - 49 18 - 200 18 - 500 18 - 1000 18 - 2000





Field of application

This Optoelectronic limit switch is for signalling liquid level limits. A big advantage is that to a great extent the optoelectronic sensor works independently of physical properties like density, dielectric constant, conductivity or color. Even foam is no problem as sensitivity can be set. The very compact construction only needs a minimum of space for mounting and allows measuring lengths up to 2000 mm. It can also be used in transparent tanks. With its built in green LED the activated state of the relay is always indicated.

General Data

Measuring accuracy: ±0,5 mm
Light source: IR-Light 930 nm
Ambient light: max. 10.000 Lux
minimum distance
sensor tip to any

opposite wall: >10 mm
Fitting position: any
Indication of active state relay: green LED
Switch logic: reversible
Weight: ML 18-49: 0.12 kg + 5 g/cm ML

Design Data

Operating temperature: -30 to+95 °C
Ambient temperature: -25 to+60 °C
Operating pressure: 0 - 5 MPa (0 - 50 bar)
Material Sensor-housing: 1.4571
Material Light guider: Quartzglass
Material packing: Graphite, PTFE
Material housing: Makrolon

Electrical Data

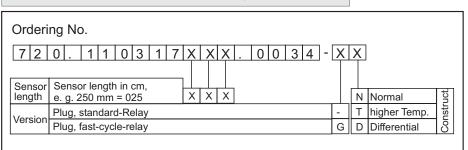
Rated voltage: 24 V DC -25/+30 %
Supply current max.: 40 mA
Switch voltage/current: 250 V AC / 3 A
Stress cycles: > 10 7
Connection Relay-output: Plug 3-pole serie 723
Connection power supply: Plug 4-pole serie 723

Ingress protection EN 60529

completed:

subject to alterations

IP 65



PHÖNIX

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