

Tool Length Sensor WLS2



DESCRIPTION:

The WLS2 consists of a high-quality aluminum body, precisely turned and milled, a low-wear stainless push-button and a built-in microswitch.

It has a contact travel of about 1 mm. In addition to the 1 mm for actuation the switch has a sophisticated spring mechanism with a further approx. 7 mm of spring travel. This safety travel protects the tool and the switch itself from destruction, for example if the ramp is too high.

It is equipped with a 3-core cable and can thus be connected as normally closed or normally open.

Fixing with Allen screws 2x M4.

APPLICATION:

The sensor is used to determine the tool length in the Z direction.

TECHNICAL SPECIFICATION:

Elektr. Parameters:	Min	Typical	Max	Unit
Operating Voltage	-	12 - 24	100	V DC
Max. Current			1	A

Materials:	
Body	Aluminum 6061
Push-button	1.4305; X8CrNiS18-9
Cable	PVC, 3x 0,14 mm ²

Dimensions:	
Diameter	40 mm
Height	approx. 41,5 mm
Diameter Push-button	14 mm
Stroke push-button	approx. 8 mm
Repeat accuracy	±0,01 mm
Length of the cable	3 m

Assignment:	Terminal
Brown	COM
Grey	normal open
White	normal closed