

Tool Length Sensor WLS1



DESCRIPTION:

The WLS1 consists of a high-quality aluminum body, precisely turned and milled, a low-wear stainless push-button and a built-in microswitch. 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	38 mm
Height	approx. 33,5 mm
Diameter Push-button	8 mm
Stroke push-button	approx. 1,8 mm
Repeat accuracy	±0,01 mm
Length of the cable	3 m

Assignment:	Terminal	
Brown	COM	
Grey	normal open	
White	normal closed	