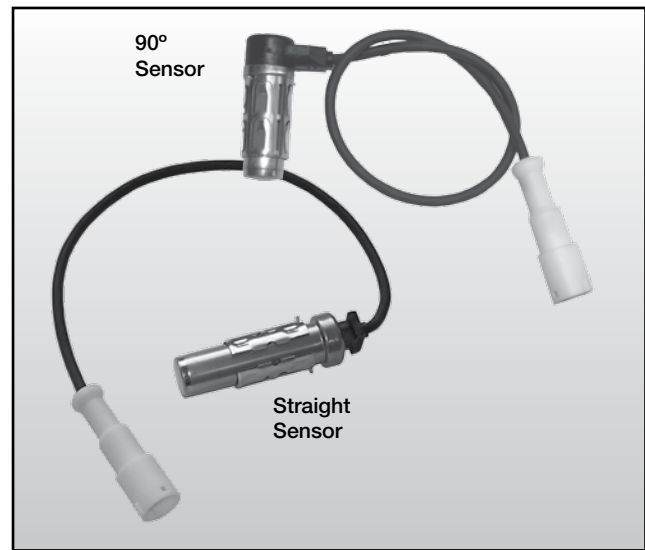


Function

When fitted in conjunction with a toothed sensing ring (pole wheel), the passive **Wheel Speed Sensor** supplies the ECU of the vehicle's ABS with precise wheel speed information.

The **Wheel Speed Sensor** is available in various cable lengths and is supplied with a standard two pin socket for connection directly to the brake module or to a sensor extension cable (see PD-272-010, Document No. Y095697, PD-272-020, Document No. Y107795, PD-272-025, Document No. Y142784 or PD-272-250, Document No. Y209441).

The **Wheel Speed Sensor** is held in the mounting hole on the axle by the sensor bush. When fitting a new sensor always fit a new bush. Note: the bush may not be supplied with the sensor (see table below).

**Technical Features**

Operating Temperature Range:

Speed Sensor	-40 °C to +160 °C
Cable	-40 °C to +160 °C
Plug	-40 °C to +80 °C

Range Overview

Part No.	Type No.	Length [m]	90° Sensor	Straight Sensor	Bush and Grease
0486000126100	-	0.4	✓		
0486000128100	-	1.0	✓		
0486000129100	-	2.0	✓		
0486000134000	-	0.4	✓		✓
0486000135000	-	2.0	✓		✓
0486000136000	-	1.0	✓		✓
0486000294N00	-	1.5	✓		
0486001032100	-	0.3		✓	
0486001033100	-	1.0		✓	
0486001066100	-	1.7		✓	
0486001078000	-	0.3		✓	✓
0486001079000	-	1.7		✓	✓
0486001087000	-	2.0		✓	

Additional Parts:

Sensor Bush:

Beryllium Copper	II16774 ¹⁾
Stainless steel	K115645 ²⁾

Assembly Grease: **190693**

¹⁾ Sensor Bush II16774 will be available until all stock is depleted and then it will be replaced by K115645N00.

²⁾ will carry the suffix N00 which denotes that it is supplied without packaging.

Other versions are available.

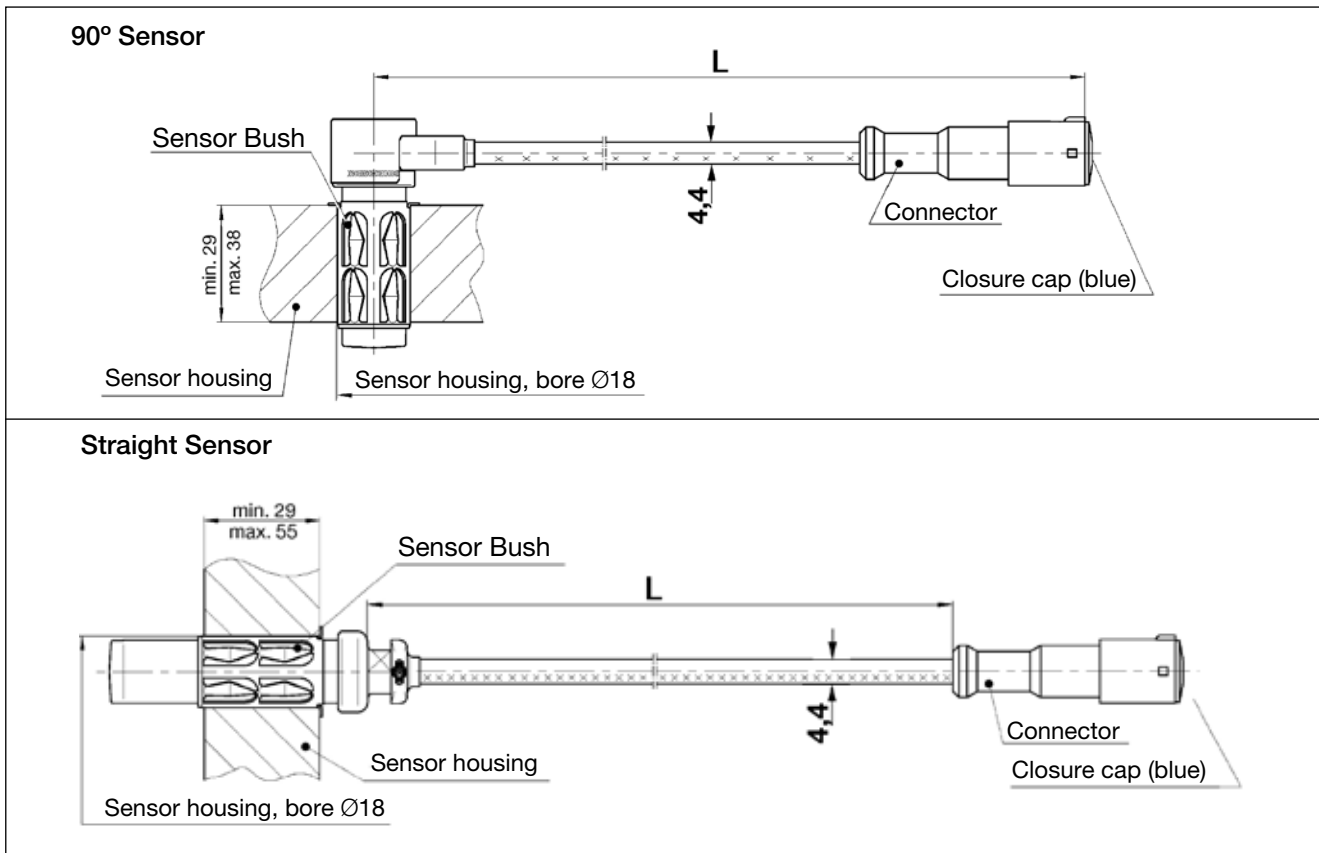
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Wheel Speed Sensors

Doc. No. Y011363 (EN - Rev. 004)
February 2016

Dimensions



Installation

The Wheel Speed Sensor must be inserted into a suitably sized housing using a Sensor Bush and the correct grease. The cable must be supported to prevent damage with suspension and steering movement.

Note: the head of the Wheel Speed Sensor may be immersed in oil.

Servicing

Wheel Speed Sensors are not serviceable.

Revision Details

Rev. 002	March 2011	New layout for revised format Trailer Catalogue.
Rev. 003	May 2015	Table revised and part numbers added for new Agricultural Catalogue.
Rev. 004	February 2016	New Sensor Bush added.



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