

PS732

5 A | 100 mil | Threaded



Electrical specifications

Temperature [°C]	-45°...+100°
Current Probe [A]	5
Current Sensor [A]	1
R TYP [mOhm]	<25

Mechanical specifications

Preload [cN]	60
Spring force [cN] at nt ±20%	90
Nominal travel [mm]	4.0
Maximum travel [mm]	5.0

Materials and plating

Plunger	BeCu	gold plated
Barrel	Brass	gold plated
Spring	Spring steel	silver plated
Receptacle	Brass	unplated

Accessories

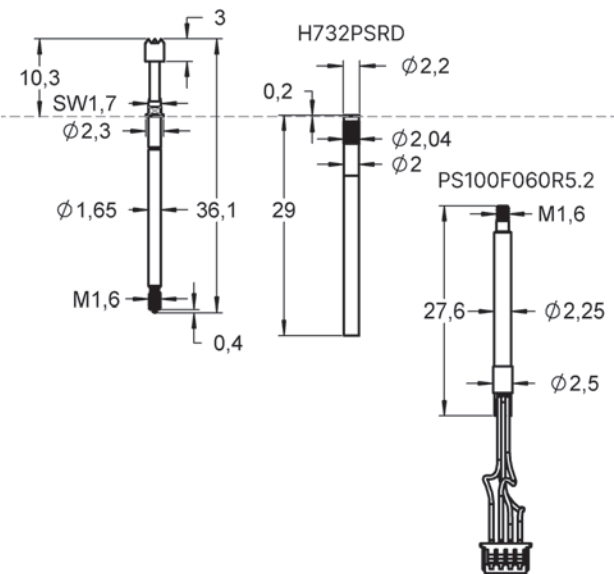
1013618	PS100F060R5.2	Sensor
1025376	2112221	250mm extension cable for Molex connector
1015329	FWZPS100	Screw-in tool sensor
1024184	H732PSRD	Receptacle
1014264	FEWZ-100E0	Insertion tool receptacle
1004610	FWZ732T	Screw-in tool probe

Drill size recommendation (mm)

1024184	H732PSRD	2.00 - 2.02
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Series drawing

All measurements are in mm.



The Position Sensor System consists of a special spring contact probe PS732..., a receptacle H732PSRD and a sensor element PS100.... These three elements are mounted into a fixture plate. The Position Sensor is screwed at the receptacle from backwards after the receptacle is mounted.

* The values for current and resistance are only valid for a soldered connection at the receptacle. The blue wire of the Molex connector only allows a maximum current of 1,0 A and R typ 500 mOhm.

** Center differing from standard.

SWITCH PROBES | POSITION SENSOR SYSTEM

Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1013602	PS73205B180G090	05 	1.80	B / G	90	M1.6	-	-
1013603	PS73206B150G090	06 	1.50	B / G	90	M1.6	-	-
1013604	PS73206B180G090	06 	1.80	B / G	90	M1.6	-	-
1013605	PS73206B200G090	06 	2.00	B / G	90	M1.6	-	-
1013606	PS73206B250G090	06 	2.50	B / G	90	M1.6	-	-
1013612	PS73211B064G090	11 	0.64	B / G	90	M1.6	-	-
1013613	PS73211B080G090	11 	0.80	B / G	90	M1.6	-	-
1013614	PS73211B100G090	11 	1.00	B / G	90	M1.6	-	-
1013608	PS73216B100G090	16 	1.00	B / G	90	M1.6	-	-
1030426	PS73216B120G090	16 	1.20	B / G	90	M1.6	-	-
1013609	PS73217B140G090	17 	1.40	B / G	90	M1.6	-	-
1000093	PS73217B200G090	17 	2.00	B / G	90	M1.6	-	-
1024960	PS73217B300G090	17 	3.00	B / G	90	M1.6	-	-