

## Available Headstyles

Headstyles	Diameter • Plating	
C	3,00C • Au	4,00C • Au
C5	1,00 • Au	
F	3,00C • Au	4,00C • Au
	4,50C • Au	5,00C • Au
F1	2,30 • HTK	3,00 • HTK
	3,50 • HTK	4,00 • HTK
	4,50 • HTK	5,00 • HTK
	5,50 • HTK	

**Easy Replacement System**  
Switching Contact 3012/2GS –  
interchangeable without soldering

## Switching Probe 3012/2GS

with thread/adjustable height/integrated mounting mechanism

Mechanical	
Spacing	<b>4,00 mm</b>
Full travel	<b>4,20 mm</b>
Recommended working travel	<b>4,00 mm</b>
Switching travel (± 0,2mm)	<b>1,70 mm or 4,00 mm</b>
Pre-loaded spring force	<b>0,25/0,40/0,60/1,40/ 2,00/ 4,00 N</b>
Spring force at switching travel (± 20%)	<b>1,70 mm: 0,45/1,00/1,60/3,60/ 5,20/ 7,60 N</b> <b>4,00 mm: 0,75/1,80/3,00/6,50/ 9,50/12,50 N</b>
Spring force at working travel (± 20%)	<b>1,70 mm: 1,25/2,30/3,50/7,00/10,00/13,00 N</b> <b>4,00 mm: 0,75/1,80/3,00/6,50/ 9,50/12,50 N</b>

Electrical	Receptacle-Plunger	Pin-Plunger
max. current rating	<b>5,0 A</b>	<b>1,0 A</b>
Typ. continuity resistance	<b>≤ 15 mOhm</b>	<b>≤ 50 mOhm</b>
Insulating Voltage	<b>1000 V</b>	

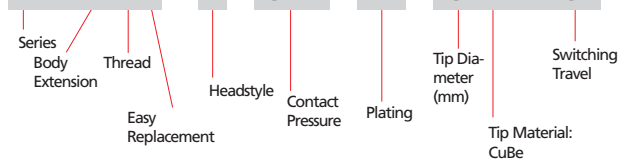
Materials	
Barrel	<b>brass, gold plated</b>
Spring	<b>spring steel, gold plated</b>
Plunger	<b>CuBe, gold plated or gold plated with insulator</b>
Receptacle	<b>brass, gold plated</b>

Recommended Diameter of Drill	H 3011/GWR5	H 3011/R, H 3011/RK	H 3011/K
HP 2361.1 (Trolitax)	<b>3,02 mm</b>		<b>3,01 mm</b>
HGW 2372	<b>3,04 mm</b>		<b>3,02 mm</b>

Screwing Tools and Recommended Torques – see page 94/95

## How to order:

**3012/2GS - F - 1,8 N - Au - 3,0C/SH4,0**



## Dimensions and Mounting Measures

