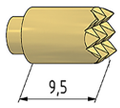
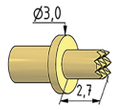
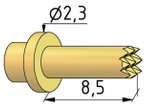
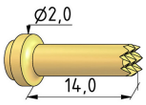
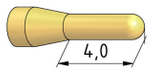
Switching Test Probe with Easy-Replacement System 160 mil / 4.0 mm - Switching Travel 1.7 mm

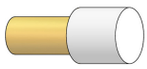
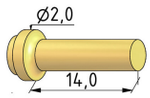
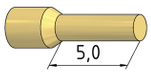
HIGHLIGHTS	
Test Probe with switching function for cable harness test and presence verification	
Threaded type	
Easy-replacement system (replacement without soldering)	
Switching travel 1.7 mm (4.0 mm on request)	
High soldering temperature up to 300°C	
MECHANICAL DATA	
Center	4.00 mm/160 mil
Full travel	5.00 mm
Working travel	4.00 mm
Switching travel	1.70 mm
Pre-loaded spring force	0.12/ 0.25/ 0.30/ 0.50/ 0.40/ 0.60/ 1.80/ 1.40/ 1.70/ 2.00/ 2.70/ 2.00/ 5.00/ 4.00 N
Spring force at working travel	0.75/ 1.25/ 1.80/ 2.00/ 2.30/ 3.50/ 6.50/ 7.00/ 8.50/ 9.00/ 9.50/ 10.00/ 12.50/ 13.00 N
Spring force at switching travel	0.20/ 0.45/ 0.75/ 0.95/ 1.00/ 1.60/ 3.60/ 3.60/ 4.40/ 4.80/ 5.40/ 5.20/ 8.00/ 7.60 N
Temperature range	-30 °C - +120 °C
ELECTRICAL DATA	
Receptacle-Plunger	
Max. current rating	5.0 A
Typical continuity resistance	<= 15 mOhm
Pin-Plunger	
Max. current rating	1.0 A
Typical continuity resistance	<= 50 mOhm
Electric strength	1.000 V
MATERIALS	
Barrel	Brass, gold-plated
Spring	Spring Steel, gold-plated
Plunger	Steel, gold-plated, gold-plated oder with Plastic-Tip
Receptacle	Brass, gold-plated
RECOMMENDED DIAMETER OF DRILL	
H 3011/GWR5 (/R /RK)	
HP 2361.1 / EP CP 201 (trolitax)	3.02 mm
HGW 2372 (glass filled material)	3.04 mm
H 3011/K (/5K)	
HP 2361.1 / EP CP 201 (trolitax)	3.01 mm
HGW 2372 (glass filled material)	3.02 mm
AVAILABLE SCREW TOOLS	
Article Designation	max. Tip Diameter
WFSB 1060/G-4.0-3.0	3.0
WFSB 1060/G-5.0-4.0-Z	4.0
WFSB 1060/G-6.0-5.0-Z	5.0

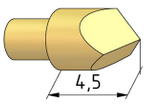
Switching Test Probe with Easy-Replacement System 160 mil / 4.0 mm - Switching Travel 1.7 mm

TIP STYLE - DIAMETER - PLATING

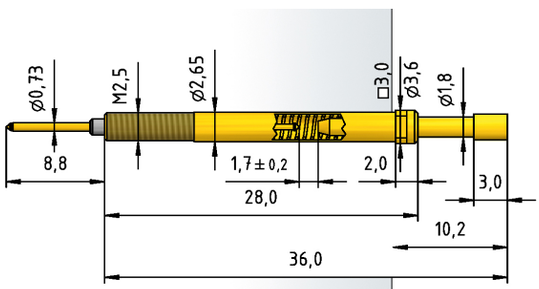
A	C	C	CL	C1
				
2.30 Au	1.80 Au	2.30 Au 3.00 Au 4.00 Au	2.30 Au	1.00 Au

CL1	CL2	CL3	D6	F
				
1.00 Au	1.80 Au	1.00 Au	1.00 Au	1.80 Au

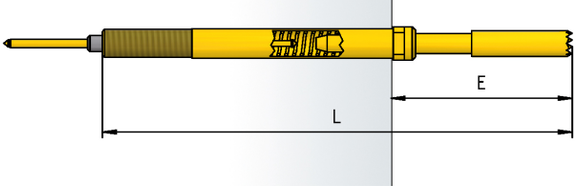
F	F1	F1L	FL3	F7
				
2.00 Au 2.30 Au 3.00 Au	2.30 HTK 3.00 HTK 4.00 HTK 5.00 HTK	2.30 HTK 3.00 HTK	1.00 Au	1.00 Au

H2

2.60 Au

3011/2GS



3011/2GS (for Tip Styles CLx / FLx)

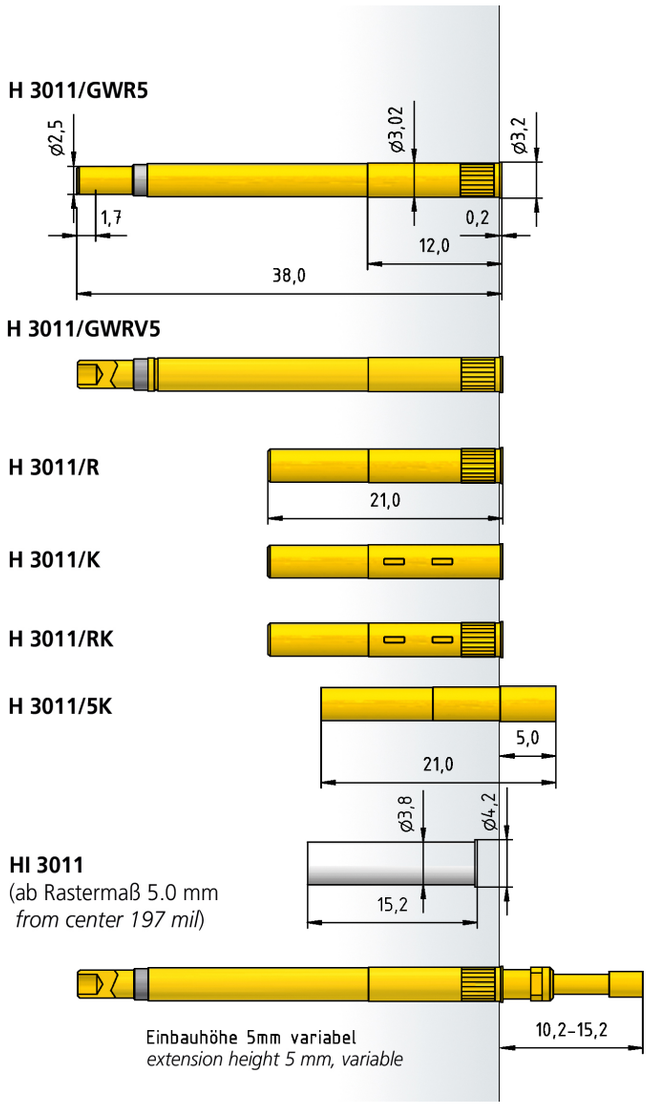


Tip Styles	E	L
CL, CL1	16,7	42,5
CL2	22,2	48,0
CL3, FL3	22,9	48,7

PTR HARTMANN
A Phoenix Mecano Company

Switching Test Probe with Easy-Replacement System 160 mil / 4.0 mm - Switching Travel 1.7 mm

Receptacles 3011/2GS



HOW TO ORDER

3011/	2	G	S	-	C	-	1.8 N	-	Au	-	2.3
1	2	3	4		5		6		7		8

1. Series 2. Collar Height 3. Threaded Design
4. Plug-in Connector 5. Tip Style 6. Spring Force
7. Tip Plating 8. Tip Diameter