

# Series 3012/2GS • FS1/FLS1

- Switching test probe for the cable harness test
- Threaded type
- Easy-replacement system / Replacement without soldering
- Version for large tip diameters
- Tips insulated
- Switching travel 1.7 mm (4.0 mm on request)
- Soldering temperature max 300°C
- Variable extension height

## Mechanical Data

Center	4.00 mm / 160 mil
Full Travel	4.50 mm
Working Travel	4.00 mm
Switching Travel	1.70 mm
Pre-Loaded Spring Force	0.12/ 0.25/ 0.30/ 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/ 2.30/ 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/ 0.50/ 0.70/ 1.00/ 1.60/ 3.60/ 3.60/ 4.40/ 4.80/ 5.40/ 5.20/ 8.00/ 7.60 N

## 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
Typical Insulating Voltage	1000 V

## Materials

Barrel	Brass, gold plated
Spring	Spring Steel, gold plated
Plunger	CuBe, gold plated
Tip	CuBe, passiviert
Receptacle	Brass, gold plated

## Recommended Diameter of Drill

### H 3011/GWR5 (/R /RK)

HP 2361.1 (Trolitax)	3.02 mm
HGW 2372 (Hartglasgewebe)	3.04 mm

### H 3011/K (/5K)

HP 2361.1 (Trolitax)	3.01 mm
HGW 2372 (Glass filled Material)	3.02 mm

## How to Order

**3012/ 2 G S - FS1 - 3.0 N - Au/CB - 3.0 C**

1 2 3 4 5 6 7 8 9

1. Series 2. Collar Height 3. Threaded Design 4. Plug-in Connector 5. Tip Style  
6. Spring Force 7. Tip Plating 8. Tip Diameter 9. Tip Material (only for CuBe)

## Tip Style · Diameter · Plating



FS1	FLS1
3.00C Au/CB	3.00C Au/CB
3.50C Au/CB	3.50C Au/CB
4.00C Au/CB	4.50C Au/CB
4.50C Au/CB	5.00C Au/CB
5.00C Au/CB	
5.50C Au/CB	
5.90C Au/CB	

