

**SPECIFICATION**

**SERIES 201**

**PROBE P201**

**Recommended minimum centres:** 4.0mm  
**MECHANICAL**  
 Full travel: 5.0mm  
 Recommended Working travel: 4.0mm  
 Switching travel: 1.7mm  
**SPRING FORCE**  
 Preload: 0.12N 0.3N 1.8N 1.7N 5N  
 @ Working travel: 1.25N 2.3N 7.0N 9N 13N  
 @ Switch travel: 0.18N 0.7N 3.6N 4.4N 8N  
**ORDER PART NO.** -0 -1 -1X -2 -3  
**ELECTRICAL** Receptacle to plunger Pin  
 Max current: 5 amps 1.5 amps  
 Terminal resistance: <15m ohms <50m ohms  
 Insulating voltage: 1,000v 1,000v  
**Recommended hole size:** 3.0mm

**RECEPTACLES**

**RECEPTACLES**

**R201-16 R201-22 R201/S-23 R201-S/28**

**SPECIFICATION**

**SERIES 202**

**PROBE P202**

**Recommended minimum centres:** with Receptacle: 2.54mm without Receptacle: 2.00mm  
**MECHANICAL**  
 Full travel: 5.3mm  
 Recommended Working travel: 4.0mm  
 Switching travel: 2.6mm  
**SPRING FORCE**  
 Preload: 0.4N 0.5N 1.7N  
 @ Working travel: 1.5N 3N 6.5N  
 @ Switch travel: 0.8N 1.8N 4.5N  
**ORDER PART NO.** -1 -2 -3  
**ELECTRICAL** Receptacle to plunger Pin  
 Max current: 3 amps 1 amp  
 Terminal resistance: <20m ohms <50m ohms  
 Insulating voltage: 1,000v 1,000v  
**Recommended hole size:** 2.0mm

**RECEPTACLES**

**RECEPTACLES**

**R202-S/26 R202**

Spacers available ZRG 202-2 and -3

**SPECIFICATION**

**SERIES 207**

**PROBE P207**

**Recommended minimum centres** 2.54mm  
**MECHANICAL**  
 Full travel: 6.3mm  
 Recommended Working travel: 5.0mm  
 Switching travel: 4.0mm  
**SPRING FORCE**  
 Preload: 0.3N  
 @ Working travel: 2.0N  
 @ Switch travel: 1.0N  
**ELECTRICAL**  
 Max current: 1.0 amp  
 Terminal resistance: <50m ohms  
 Insulating voltage: 1,000v  
**Recommended hole size:** 1.70mm

P201 microswitch probe. 4.0mm centres with various tip styles and heights  
 P202 2.54mm centres switch probe with various tip styles and heights  
 P201 has 1.7mm switching travel P202 has 2.6mm and 4mm switching travel  
 P201/S short version OAL 24mm + 4mm tail  
 P201/F The switch is normally closed and operating plunger will open the switch

**Note: P201/F Series A** "normally closed" switch probe which will "open" when depressed to switch travel of 1.7mm. Tip styles on request.

**Note: P201 and P202** also available with switch travel 4mm. Please indicate.

**Note: P201/10** All tip styles with 10mm shoulder. Has the same overall length as the P201.

**SPACER**

**ZRG 201-2 ZRG 201-3 ZRG 201-5**

Spacers are used to increase the shoulder height of the probe.

**TIP STYLES**

**P201-A P201-C/C4/C6 P201-C1**

STEEL STEEL STEEL

**P201-CL P201-CL1 P201-F/F3 P201-F4 P201-F1/F2/F4 POM**

STEEL STEEL STEEL STEEL NYLON

**P201-FL3 P201-FL4 P201-Y P201-Y5**

STEEL STEEL STEEL STEEL

**Note: Y + Y5** are non-rotational blades

**P202-A P202-C/C1 P202-CL\* P202-F P202-F1 P202-F1 POM**

STEEL STEEL BeCu STEEL STEEL NYLON

**P207-C P207-D1 P207-DL1\*\* P207-F**

STEEL STEEL STEEL STEEL

**Note: Use receptacle R207**

**\*\*Note: With P207-DL1 Tip** Switch travel = 2.0mm Working travel = 3.0mm Full travel = 4.3mm

**PROBE ORDER CODE**

**P201 - C - 1**  
 Series Tip Style Spring Force

**Note: Tip Material shown** Black - Standard Stock Item Purple = Minimum order quantity