

THREADED PROBES

F731

4 A | 94 mil | Threaded



Electrical specifications

| | |
|-------------------------|--------------|
| Temperature [°C] | -45°...+100° |
| Current [A] | 4 |
| R _{TYP} [mOhm] | <20 |

Mechanical specifications

| | | | |
|------------------------------|-----|-----|-----|
| Preload [cN] | 50 | 50 | 50 |
| Spring force [cN] at nt ±20% | 100 | 150 | 300 |
| Nominal travel [mm] | 3.5 | 3.5 | 3.5 |
| Maximum travel [mm] | 4.4 | 4.4 | 4.4 |

Materials and plating

| | | |
|------------|--------------|---------------|
| Plunger | BeCu | gold plated |
| Barrel | Brass | gold plated |
| Spring | Spring steel | silver plated |
| Receptacle | Brass | gold plated |

Accessories

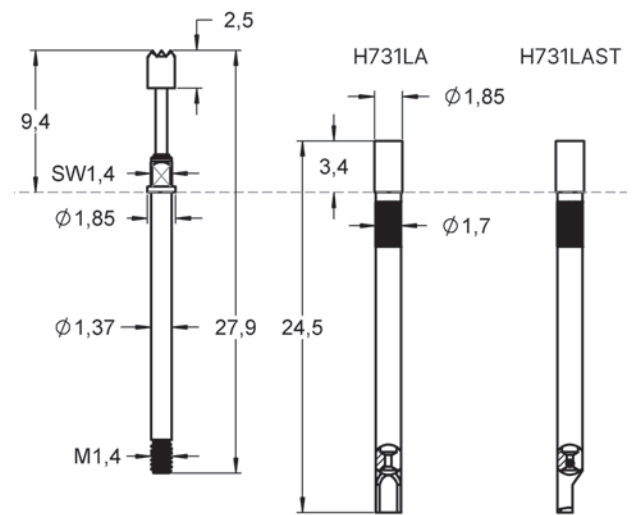
| | | |
|---------|------------|------------------------------------------------------------------|
| 1001844 | H731LA | Receptacle |
| 1011671 | H731LAST | Receptacle |
| 1014264 | FEWZ-100E0 | Insertion tool receptacle |
| 1004609 | FWZ731T | Screw-in tool probe $\lt; \varnothing 2.0 \text{ mm}$ |
| 1029810 | FWZ731S1T | Screw-in tool probe $\lt; \varnothing 1.3 \text{ mm}$ |

Drill size recommendation (mm)










































| | |
|-----------------------|-------------|
| Receptacle with knurl | 1.67 - 1.68 |
|-----------------------|-------------|

Series drawing

All measurements are in mm.



THREADED PROBES

| Order code | Product name | Tip Style | Tip Ø [mm] | Material/Plating | Force [cN] | Thread [M] | Version | FM Choice |
|------------|-------------------|----------------------------------------------------------------------------------------|------------|------------------|------------|------------|---------|---------------------------------------------------------------------------------------|
| 1007201 | F73105B180G150 | 05  | 1.80 | B / G | 150 | M1.4 | - |  |
| 1004714 | F73106B100G150 | 06  | 1.00 | B / G | 150 | M1.4 | - |  |
| 1004997 | F73106B100G300 | 06  | 1.00 | B / G | 300 | M1.4 | - | - |
| 1001416 | F73106B130G100 | 06  | 1.30 | B / G | 100 | M1.4 | - | - |
| 1001417 | F73106B130G150 | 06  | 1.30 | B / G | 150 | M1.4 | - |  |
| 1001419 | F73106B130G300 | 06  | 1.30 | B / G | 300 | M1.4 | - |  |
| 1001420 | F73106B180G100 | 06  | 1.80 | B / G | 100 | M1.4 | - | - |
| 1001421 | F73106B180G150 | 06  | 1.80 | B / G | 150 | M1.4 | - |  |
| 1001423 | F73106B180G300 | 06  | 1.80 | B / G | 300 | M1.4 | - | - |
| 1008893 | F73111B050G150 | 11  | 0.50 | B / G | 150 | M1.4 | - | - |
| 1025992 | F73111B060G100 | 11  | 0.60 | B / G | 100 | M1.4 | - | - |
| 1025392 | F73111B061G100LS1 | 11  | 0.61 | B / G | 100 | M1.4 | LS1 |  |
| 1006681 | F73111B061G100S1 | 11  | 0.61 | B / G | 100 | M1.4 | S1 |  |
| 1001424 | F73111B065G100 | 11  | 0.65 | B / G | 100 | M1.4 | - |  |
| 1001425 | F73111B065G150 | 11  | 0.65 | B / G | 150 | M1.4 | - |  |
| 1002730 | F73111B065G150S1 | 11  | 0.65 | B / G | 150 | M1.4 | S1 |  |
| 1001427 | F73111B065G300 | 11  | 0.65 | B / G | 300 | M1.4 | - |  |
| 1001428 | F73111B075G100 | 11  | 0.75 | B / G | 100 | M1.4 | - | - |
| 1024993 | F73111B075G100L | 11  | 0.75 | B / G | 100 | M1.4 | L | - |
| 1001429 | F73111B075G150 | 11  | 0.75 | B / G | 150 | M1.4 | - |  |
| 1001431 | F73111B075G300 | 11  | 0.75 | B / G | 300 | M1.4 | - |  |
| 1002940 | F73111B075G300L | 11  | 0.75 | B / G | 300 | M1.4 | L |  |
| 1010893 | F73116B075G150 | 16  | 0.75 | B / G | 150 | M1.4 | - |  |
| 1004971 | F73117B150G150 | 17  | 1.50 | B / G | 150 | M1.4 | - |  |
| 1011455 | F73118B075G150 | 18  | 0.75 | B / G | 150 | M1.4 | - | - |