

F875 (NO)

5 A | 100 mil | Threaded



Electrical specifications

Temperature [°C]	-45°...+100°
Current [A]	5
Current switch [A]	1
R _{TYP} [mOhm]	<65

Mechanical specifications

Switch travel [mm]	1.5		
Preload [cN]	30	60	60
Spring force [cN] at nt ±20%	135	200	300
Nominal travel [mm]	4.0	4.0	4.0
Maximum travel [mm]	5.0	5.0	5.0

Materials and plating

Plunger	BeCu	gold plated
	BeCu	insulated
	Synthetic	unplated
Barrel	Brass	gold plated
Spring	Spring steel	silver plated
Receptacle	Brass	gold plated

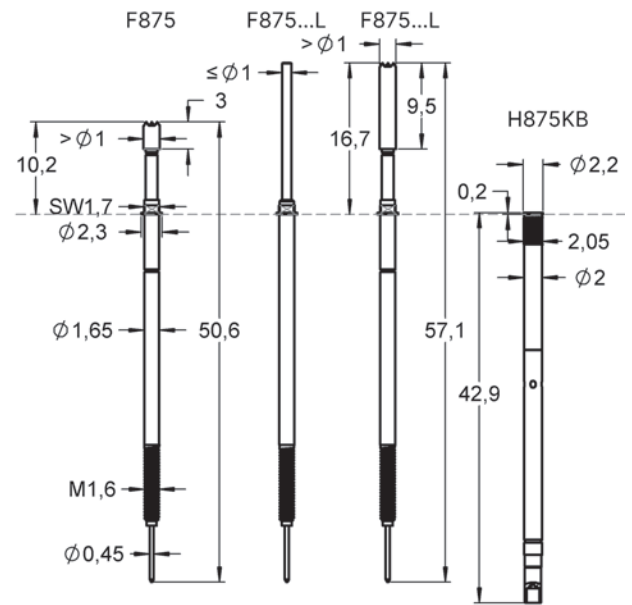
Accessories

Further receptacles H875 see page 42.

1004479	H875KB	Receptacle
1003640	FEWZ-772E0	Insertion tool receptacle
1029812	FWZ732S1T	Screw-in tool probe <Ø2.7 mm
1004610	FWZ732T	Screw-in tool probe <Ø2.0 mm

Series drawing

All measurements are in mm.



































































Drill size recommendation (mm)

Receptacle with knurl	2.00 - 2.02
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Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1001712	F87505B180G135	05	1.80	B / G	135	M1.6	-	-
1021447	F87506B100G135	06	1.00	B / G	135	M1.6	-	-
1009431	F87506B100G135L	06	1.00	B / G	135	M1.6	L	-

SWITCH PROBES

Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1007237	F87506B130G135	06 	1.30	B / G	135	M1.6	-	
1006828	F87506B140G135L	06 	1.40	B / G	135	M1.6	L	-
1003084	F87506B150G135	06 	1.50	B / G	135	M1.6	-	
1001715	F87506B150G350	06 	1.50	B / G	350	M1.6	-	
1007937	F87506B180G080	06 	1.80	B / G	80	M1.6	-	
1001716	F87506B180G135	06 	1.80	B / G	135	M1.6	-	
1004683	F87506B180G135L	06 	1.80	B / G	135	M1.6	L	
1001717	F87506B180G200	06 	1.80	B / G	200	M1.6	-	
1003085	F87506B180G300	06 	1.80	B / G	300	M1.6	-	
1001718	F87506B180G350	06 	1.80	B / G	350	M1.6	-	
1006524	F87506B180G350L	06 	1.80	B / G	350	M1.6	L	
1008894	F87506B200G135	06 	2.00	B / G	135	M1.6	-	-
1007319	F87506B200G350	06 	2.00	B / G	350	M1.6	-	
1011054	F87506B230G135	06 	2.30	B / G	135	M1.6	-	
1003993	F87506B230G350	06 	2.30	B / G	350	M1.6	-	-
1008752	F87511B064G080	11 	0.64	B / G	80	M1.6	-	-
1005249	F87511B064G135	11 	0.64	B / G	135	M1.6	-	
1005250	F87511B064G200	11 	0.64	B / G	200	M1.6	-	-
1001719	F87511B100G135	11 	1.00	B / G	135	M1.6	-	-
1001011	F87516B060G135S1	16 	0.60	B / G	135	M1.6	S1	-
1001012	F87516B060G350S1	16 	0.60	B / G	350	M1.6	S1	-
1005252	F87516B064G135	16 	0.64	B / G	135	M1.6	-	
1005254	F87516B064G350	16 	0.64	B / G	350	M1.6	-	-
1006704	F87516B070G135	16 	0.70	B / G	135	M1.6	-	
1007334	F87516B080G135	16 	0.80	B / G	135	M1.6	-	
1008576	F87516B100G080	16 	1.00	B / G	80	M1.6	-	-
1001724	F87516B100G135	16 	1.00	B / G	135	M1.6	-	
1008647	F87516B100G135E21	16 	1.00	B / G	135	M1.6	E21	-
1004710	F87516B100G135L	16 	1.00	B / G	135	M1.6	L	
1001725	F87516B100G200	16 	1.00	B / G	200	M1.6	-	-
1003086	F87516B100G300	16 	1.00	B / G	300	M1.6	-	-
1003087	F87516B100G350	16 	1.00	B / G	350	M1.6	-	
1005676	F87516B100G350L	16 	1.00	B / G	350	M1.6	L	
1006065	F87517B180G080	17 	1.80	B / G	80	M1.6	-	
1003088	F87517B180G135	17 	1.80	B / G	135	M1.6	-	
1003089	F87517B180G200	17 	1.80	B / G	200	M1.6	-	-
1003090	F87517B180G300	17 	1.80	B / G	300	M1.6	-	-
1003091	F87517B180G350	17 	1.80	B / G	350	M1.6	-	
1001726	F87517K180U135	17 	1.80	K / U	135	M1.6	-	
1000628	F87517T180N135	17 	1.80	T / N	135	M1.6	-	