

F863 (NO)

2 A | 75 mil | Threaded



Electrical specifications

Temperature [°C]	-45°...+100°
Current [A]	2
Current switch [A]	1
R _{TYP} [mOhm]	<65

Mechanical specifications

Switch travel [mm]	3.5		
Preload [cN]	24	20	50
Spring force [cN] at nt ±20%	40	80	150
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
Barrel	Brass	gold plated
Spring	Spring steel	silver plated
Receptacle	Brass	gold plated

Accessories

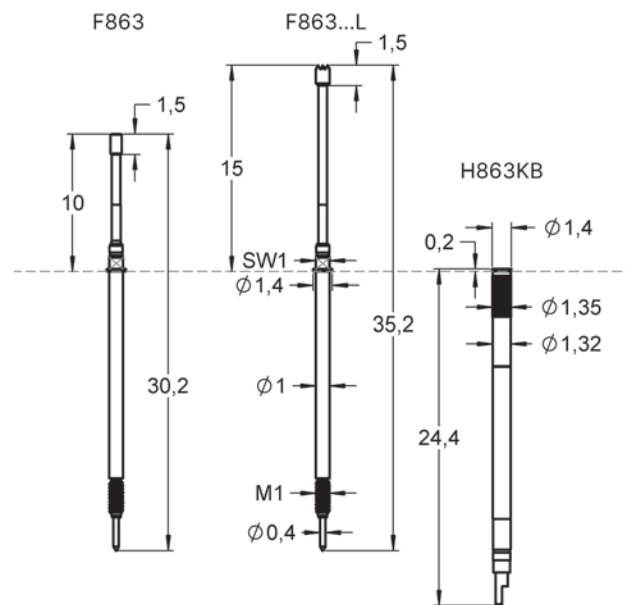
1018812	H863KB	Receptacle
1014264	FEWZ-100E0	Insertion tool receptacle
1029809	FWZ730S1T	Screw-in tool probe <Ø1.5 mm
1004895	FWZ730T	Screw-in tool probe <Ø0.9 mm

Drill size recommendation (mm)

Receptacle with knurl	1.32 - 1.34
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Series drawing

All measurements are in mm.



SWITCH PROBES

Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1018852	F86306B100G150L	06 	1.00	B / G	150	M1	L	
1031267	F86311B036G080S17	11 	0.36	B / G	80	M1	S17	-
1018855	F86311B050G080	11 	0.50	B / G	80	M1	Nano-MQS	
1039841	F86311B050G150	11 	0.50	B / G	150	M1	-	-
1052631	F86311B064G040	11 	0.64	B / G	40	M1	-	-
1051390	F86311B064G080	11 	0.64	B / G	80	M1	-	-
1035111	F86311B064G080L	11 	0.64	B / G	80	M1	L	-
1018854	F86311B064G150L	11 	0.64	B / G	150	M1	L	-
1041898	F86312B070G080	12 	0.70	B / G	80	M1	-	-
1018853	F86312B075G150L	12 	0.75	B / G	150	M1	L	-
1018851	F86317B080G150	17 	0.80	B / G	150	M1	-	
1029314	F86317T080N080	17 	0.80	T / N	80	M1	-	-
1029219	F86317T080N150	17 	0.80	T / N	150	M1	-	-