



VF100

5 A | 100 mil | Threaded

Electrical specifications

Temperature [°C]	-45°...+100°
Current [A]	5
R _{TYP} [mOhm]	<30

Mechanical specifications

Preload [cN]	80	80	120
Spring force [cN] at nt $\pm 20\%$	500	1000	1500
Nominal travel [mm]	5.0	5.0	5.0
Maximum travel [mm]	5.5	5.5	5.5

Materials and plating

Plunger	BeCu	gold plated
	Steel	longtime gold plated
Barrel	Brass	gold plated
Spring	Spring steel	gold plated
Receptacle	Brass	gold plated

Accessories

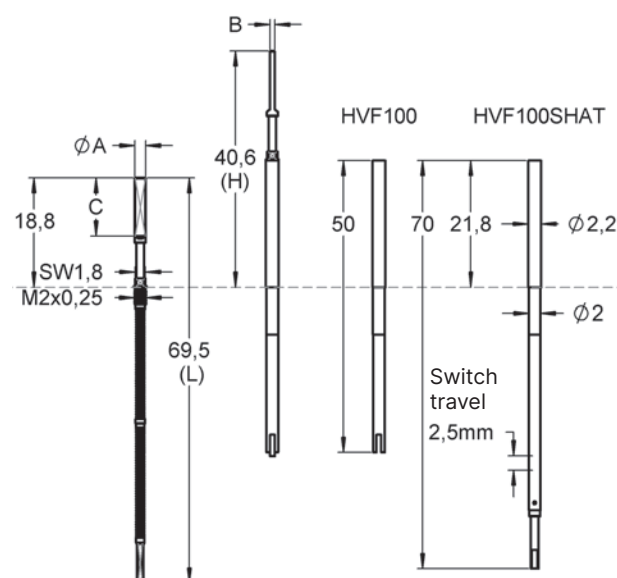
1001837	HVF100	Receptacle
1010181	HVF100SHAT	Receptacle
1014467	FAWZVF100	Insertion tool receptacle
1004984	FWZVF100T	Screw-in tool probe $\varnothing 2.0$ mm
1029834	FWZVF100S1T	Screw-in tool probe $\varnothing 2.7$ mm

Drill size recommendation (mm)

HVF100... without knurl	1.99 - 2.00
-------------------------	-------------

Series drawing

All measurements are in mm.



PUSH BACK PROBES

Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1005076	VF10005B190G10	05 	1.90	B / G	1000	M2x0.25	-	-
1005075	VF10005B190G15	05 	1.90	B / G	1500	M2x0.25	-	-
1005144	VF10005B220G15	05 	2.20	B / G	1500	M2x0.25	-	-
1005971	VF10011B080G10S1	11 	0.80	B / G	1000	M2x0.25	S1	-
1002249	VF10017B150G10	17 	1.50	B / G	1000	M2x0.25	-	-
1002250	VF10017B150G15	17 	1.50	B / G	1500	M2x0.25	-	-
1010313	VF10017B180G05	17 	1.80	B / G	500	M2x0.25	-	-
1002251	VF10017B180G10	17 	1.80	B / G	1000	M2x0.25	-	-
1002252	VF10017B180G15	17 	1.80	B / G	1500	M2x0.25	-	

Order code	Product name	Tip Style	Ø A	B	C	H	L	Thread [M]	FM Choice
1006452	VF10080B0001G15	80 	1.60	0.50	10.0	18.8	69.5	M2x0.25	-
1005141	VF10082B0003G10	82 	1.90	0.50	10.0	18.8	69.5	M2x0.25	-
1005140	VF10082B0003G15	82 	1.90	0.50	10.0	18.8	69.5	M2x0.25	
1005135	VF10082B0004G15	82 	1.90	0.80	10.0	18.8	69.5	M2x0.25	
1005081	VF10082S0001L10	82 	1.90	0.30	10.0	18.8	69.5	M2x0.25	-
1005128	VF10084B0001G15	84 	2.50	0.80	10.0	18.8	69.5	M2x0.25	-