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87-900-044-01(C)
January 23rd, 2017

INSTRUCTIONS

High Voltage Feedthroughs

Model 954-0006/5119/5143, 959-5120

Agilent Technologies

Agilent high voltage feedthroughs are rated up tp 12 kV DC.

Models are available equipped with a stainless steel skirt for welding into vacuum chambers or with a Mini-ConFlat® or 2 ¾" ConFlat flange.

All dimensions inches (mm)



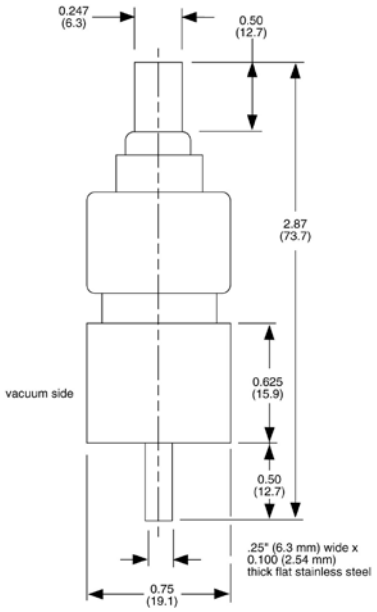
Model 954-0006

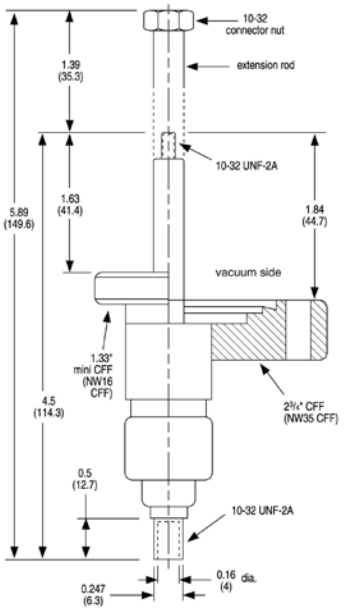


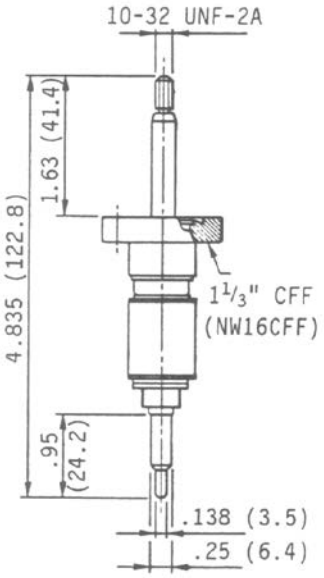
Model 954-5143 and 954-5119



Model 959-5120







Agilent Technologies Inc.
121 Hartwell Avenue, Lexington, MA 02173, USA

Agilent Technologies Italia S.p.A.
Via F.lli Varian, 54 - 10040 Leinì (TO) - Italy

SPECIFICATIONS

Feedthrough model number	**954-50006**	**954-5143 on 1 1/3" Mini CFF®** 954-5119 on 2 ¾" CFF®	**959-5120**
Voltage rating (below 10^{-4} Torr/mbar)	12 kV DC maximum		
Current rating	10A maximum		
Temperature bakeout range	-196°C to + 450°C		
Conductor	Stainless Steel rod 0.25" (6.4 mm) Ø external 0.25" wide x 0.1" thick flat (6.4x2.5mm)	0.25" (6.4 mm) Ø stainless steel rod	
Mounting flange	without flange	1.33" OD (NW16) (Mini) or 2.75" OD (NW 35) ConFlat flange	1.33" OD (NW16) Mini ConFlat flange
Mating connector Vacuum side	-----	Provided items: SST nut 00-641133-60 Extens. rod 00-6183737-01	-----
Mating connector External side	Not provided items: Spring garter 00-601410-01 Bakeable (250°C) connector & cable 929-0736 Non-bakeable connector & cable 924-0750 Connector 03-638924A		Not provided items: Spring garter 00-601410-01 Cable to power unit 929-0770 Cable to power unit, 10 mt, 03.642700-04 Cable & adapter to control unit 929-0775 Cable & adapter to control unit, 10 mt, 03.642700-05 Connector only 03.642700A
Body material	Stainless steel		
Weight	1 lb - 0.45 kg	2 lb average - 0.9 kg	2.4 lb - 1.0 kg

DISPOSAL

Meaning of the "WEEE" logo found in labels

The following symbol is applied in accordance with the EC WEEE (Waste Electrical and Electronic Equipment) Directive. This symbol **(valid only in countries of the European Community)** indicates that the product it applies to must NOT be disposed of together with ordinary domestic or industrial waste but must be sent to a differentiated waste collection system.

The end user is therefore invited to contact the supplier of the device, whether the Parent Company or a retailer, to initiate the collection and disposal process after checking the contractual terms and conditions of sale.



For more information refer to: http://www.agilent.com/environment/product/index.shtml

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Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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