

## Electrical Feedthroughs DN16 CF-F

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INFICON offers economical priced ISO-KF flange feedthroughs which can be found in all standard vacuum applications all over the world for many years. In addition to this feedthroughs a choice of connectors for vacuum and atmosphere side of vacuum chamber is configured.

For UHV applications CF flanged feedthroughs are available in different sizes and technical specifications.



### ADVANTAGES

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- 2011/65/EU RoHS compliant

### ORDER INFORMATION

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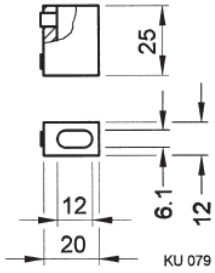
Type	DN 16 CF-F
Connection piece, vacuum side	214-195
Connector, air side	214-176
UKD 016, DN 16 CF-F	214-126

## SPECIFICATIONS

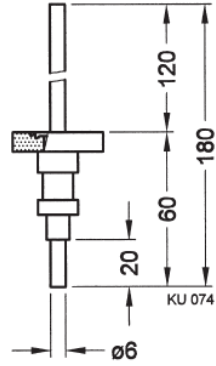
Type		DN 16 CF-F
Vacuum connection		DN 16 CF-F
Number of feedthroughs		1
Voltage per pole	kV	4
Current per pole	A	150
Bakeout temperature	°C	400
Tightness	mbar•L/s	$5 \times 10^{-11}$
Pressure (absolute)		$1 \times 10^{-10}$ mbar ... 2 bar
Flange		stainless steel 304L / 1.4306
Conductor		OF-copper 2.0040
Insulator		aluminum oxide ceramic Al <sub>2</sub> O <sub>3</sub>
Weight	kg	0.15
Connection		
vacuum side: Pieces		2
vacuum side: Material		stainless steel 304/1.4301
Connection		
vacuum side: Current max.		A 100
Connection		
vacuum side: Bakeout temperature		°C 400
Connector		
atmospheric side: Pieces		2
atmospheric side: Contact		silver-plated brass
Connector		
atmospheric side: Current max.		A 100
Connector		
atmospheric side: Insulated, for use up to		V (ac) not insulated
Connector		
atmospheric side: Insulated, for use up to		V (dc) not insulated
Connector		
atmospheric side: Bakeout temperature		°C 150

## DIMENSIONS

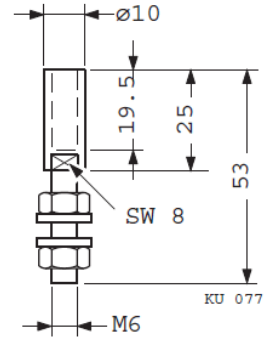
214-126



214-195



214-176



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