

## Circular Miniature Feedthroughs 220-CM12-C16 and 220-CM19-C16

Allectra offers two types of feedthroughs which allow a high density of contacts over a small space. 12 and 19 pin versions are available on a DN16CF Flange.

The air-side connector is screwed onto the feedthrough. Optional metal housing, which includes strain relief, gives a complete shielding. A PEEK connector with crimp-pins is used on the vacuum side. Pins can also be soldered.



## General Specifications

	CM12	CM19
System-Standard	IEC60130-9	
Part. Number of Feedthrough	220-CM12-C16	220-CM19-C16
Number of contacts	12	19
Pin-Diameter	lmm	1mm
Voltage Rating (Test value)	500 V DC	500 V DC
Design voltage	60V	60V
Max. Current (at room temp.)	3A	ЗA
Contacts	Gold plated	Gold plated
Leak rate	<5x10 <sup>-10</sup> mbar I/s	
Temperature Range of Feedthrough (including vacuum-side plug)	-40°C 220°C	
Temp. Range air-side Plug	-25°C 70°C	



Complete System: Air side connector, feedthrough, vacuum side connector with metal housing and strain relief shown with a shielded in-vacuum cable

These feedthroughs are available on CF16 and KF25 flanges and their larger variants, as well as ISO-K and custom flanges. Weldable versions with 21.2mm ø are also available.

CM feedthroughs can be mounted in conjunction with other types (Coaxial, High Voltage etc.)

220-CM-E-ukv

allectra GmbH, Traubeneichenstr. 62-66, D-16567 Schönfliess, Tel: +49-(0)33056-41598-0 Fax -5, e-mail: info@allectra.com allectra Ltd, Bluebell Business Estate, Sheffield Park, TN22 3HQ UK T:+44-1825 721 900, F: +44-1825 721 909, uk@allectra.com allectra Ltd France, 32 rue Principale, F-56500 La Chapelle Neuve, T: +33-297-272307, F: +33-297-72307, fr@allectra.com allectra Ltd Italy, Via delle Grotte, 482, IT-00067 Morlupo (Roma) T: +39 339 7080563, F: +39 06 9070873, It@allectra.com