



C2FCM-U Switchbox



Doc: C2FCMU/02

Jan 2008

IP65 Safe area plastic limit switchbox with a highly visible indicator and plastic universal mounting kit

The C2FC-U range is an IP65 weatherproof limit switchbox that provides remote end of travel confirmation by means of internal cams or targets striking switches. The cams are fitted to the switchbox drive shaft which in turn is connected to the actuator pinion using the Namur interface.

The C2FC-U has a polycarbonate housing with a highly visible position indicator, a plastic drive shaft and is supplied complete with an universal mounting bracket and fixings. The bracket and mounting conforms to VDI/VDE 3845 and Namur.

A variety of switch options are available ~

Codes and switch options :

- C2FCM-U 2 x V3 mechanical micro switches
- C2FCM-U.IP 2 x P+F NBN4 I2 GM Z0 proximity sensors
- C2FCM-U.IP.PNP 2 x 3 wire proximity sensors PNP
- C2FCM-U.IP.NPN 2 x 3 wire proximity sensors NPN
- C2FCM-U.P 2 x V3 pneumatic switches (4mm push-in tubing connections)

Mechanical & pneumatic cams are a 'lift, twist and release' type making adjustment quick and easy.

Materials:

Body	Polycarbonate
Cover	Polycarbonate
Shaft	Plastic
Bracket	Plastic
Temp range	-20 to +70°C
Connection	Plastic cable gland

Universal mounting - fits all sizes below:

Actuator mounting	Shaft height
80 x 30	20
80 x 30	30
130 x 30	30
130 x 30	50

Switches:

V3 Mechanical:

Proximity:

Pneumatic:



Fits the CH-air A Type Pneumatic actuator ~ Actuator features :

Robust rack and pinion construction

High accuracy machining of components

ATEX Ex II 2 GD approved for use in hazardous areas

CE Approved

Guaranteed for 1,000,000 cycles

Balanced air & spring strokes in spring return version

Safe to dismantle for routine maintenance

Compliant with all actuator standards

Accessories are easy to mount

Hard anodised aluminium body

ENP coated option (Extra cost)

Teflon® coated option (Extra cost)

Stainless steel version (Extra cost)