

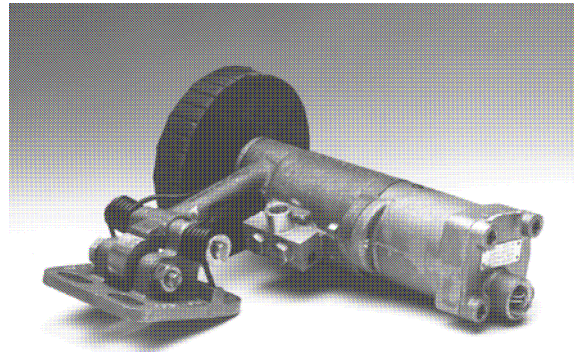
DUST SUPPRESSION

Sequence Control Units Code 200

Conflow is renowned the world over as the leading supplier of specialist components and systems for dust suppression, fire suppression and all aspects of water control in underground coal Mining.

Today Conflow products can be found operating both on the surface and underground in all the major mining industries, from coal to gold, in more than 30 countries around the world. Furthermore, wherever minerals are moved in bulk – such as quarries, power stations and steel works - Conflow products are helping to reduce the negative impact on the local environment.

At Conflow our aim is to provide you with a comprehensive range of services to meet your individual needs.



Description

The **Conflow Code 200 - Sequence Control Valve** switches electrical equipment by detecting the movement of a conveyor belt. This is achieved by sending a pilot signal to operate a relay. This is achieved by a drive wheel in frictional contact with the moving conveyor belt. The rotating wheel generates hydraulic pressure to close a microswitch built in to the unit.

Typical Applications

- Belt Conveyers.
- Mobile Tail Pieces.

Features

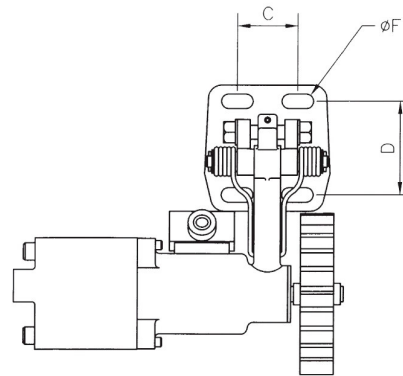
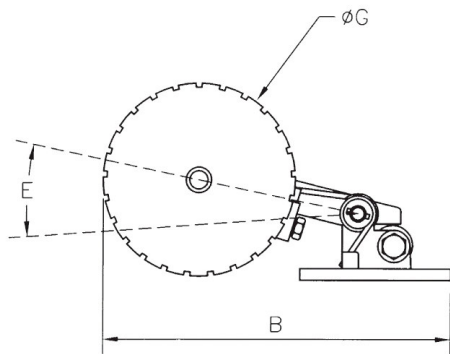
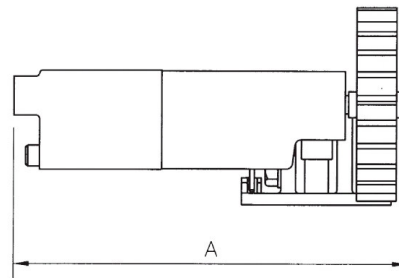
- Sequence control of associated conveyer belts
- Control of auxiliary equipment
- Signal indication of belt status, moving/stationary
- Electrical switch (230 V.AC, 5A / 230 V. DC, 2A)
- No additional power supply is needed.
- Operates at belt speeds down to 0.5 m/sec
- Adjustable for varying belt speeds

DUST SUPPRESSION

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Specifications

| Dimension | Unit | |
|---------------|------|------------|
| A | mm | 300 |
| B | mm | 270 |
| C | mm | 60 |
| D | mm | 90 |
| E | mm | 15 degrees |
| ØF | mm | 14 |
| ØG | mm | 100 OR 150 |
| Weight | Kg | 9.5 Kg |



| | | |
|---|-----------------|-----------------|
| Switch rating non inductive AC 230V 5 amp DC 230V 2 amp | 150mm dia.wheel | 150mm dia.wheel |
| Minimum speed to operate switch. | 100 ft/min | 150 ft/min |
| Maximum speed | 500 ft/min | 750 ft/min |
| Maximum high adjustable position - Baseplate to wheel top | 150mm | 175mm |
| Recommended installation position - Base plate to wheel top | 147mm | 172mm |
| Minimum low adjustable position - Baseplate to wheel top | 110mm | 135mm |
| Further depressable movement - Baseplate to wheel top | 10mm | 10mm |
| Total movement from maximum to minimum height | 50mm | 50mm |

This unit is not of flameproof construction

The information on this data sheet is accurate to the best of Conflow's knowledge, however we reserve the right to alter the product specification at any time. For any specific updated detail, please contact us.