**Super Cote-Shield™ - Blocked Chute Switch**

**Heavy Duty Coating rejection for the most difficult applications!**

**No Maintenance**
Drexelbrook's Super Cote-Shield™ circuitry works overtime to reject wet or dry coatings that can build up as a result of rain, dust suppression or other upstream water sources.

**Drexelbrook’s Flush-Mounted Sensors**
Reliably detect presence of absence of material flowing through chutes. If process material stops flowing due to a plugged chute condition, the system will alarm, allowing further action to occur (alerting an operator, shutting down a conveyor belt, etc.). This permits the operator to prevent a problem before it happens.

**Rugged Sensor Design**
Makes these systems ideal for coal (pulveriser and transfer chutes), wood chips, ores, powders, etc. Since they are flush mounted through a chute wall, nothing protrudes into the chute to interfere with or obstruct material flow.

**Simple to Install**
Single entry. Mounts easily via a square cut out. Removable gaskets to align perfectly with the inside of your chute or vessel.

**Economical Without Sacrifice**
- Retains superior performance
- Less maintenance than alternative technologies; no moving parts to hang up or wear out.

**Output**
- DPDT Relay dry contact

**Remote Electronics**
- Electronics can be remote mounted away from vibration and shock.
- More convenient and safe location

**Sees Through Coatings and Wall Build Up**
Drexelbrook's Cote-Shield™ Circuitry will "See" through complete coverage of the sensor to ensure reliable and maintenance free operation.

Distributed by Measurement Solutions Pty Ltd - Australia
Telephone: +61 9894 4300 or sales@measurement-solutions.com
www.measurement-solutions.com

Specifications are subject to change without notice. Visit our Web site for the most up-to-date information.
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Ideally positioned in the fill path. Sensor is durable enough to sustain direct impact and abrasion. Sensor won't false alarm due to product flowing across the face.

Only Sees Stationary Product

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SPECIFICATIONS

Electronics

Power requirement:
- 120 ± 25 Vac, 50/60 Hz, 1 watt
- 240 ± 50 Vac, 50/60 Hz, 1 watt (optional)
- 12-30 Vdc 1 watt (optional)

Ambient temperature:
- -40°F to 140°F (-40°C to 60°C)

Level Output:
DPDT relay

Contact Rating:
- 120 Vac; 5A non-inductive, 3 A inductive
- 230 Vac; 5A non-inductive, 2 A inductive
- 24 Vdc; 5A non-inductive

Time Delay:
Adjustable 0-120 sec

Fail-safe
Selectable. High level or low level.

RFI Protection (built in):
The operating point for unit in housing is unaffected by 5W field @ 27 MHz, 150 MHz, or 450 MHz at a distance of 5 ft. from exposed sensor, cable, or power line.

Ingress protection
IP66 / NEMA 4X

Sensor

Process temperature/pressure:
- 82°C max @ 1 PSI max

Material compatibility:
304SS & Special Polyurethane

Ingress protection
IP66 / NEMA 4X

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Part number: DR506-0070-A-BB-C-D-EEE

A. Electronics Mounting
0: Remote (standard option)
9: Integral

BB. Sensing element
01: 700-0207-006 (Standard option)
03: 700-0207-003, curved sensor
04: 700-0207-004, wall thickness > 9.5 mm
55: 700-1202-001, Insertion type probe.

C. Power Supply
1: 115 VAC
2: 24 VDC (Standard option)
3: 240 VAC

D. Fail Safe (Field selectable)
0: High (Standard)
1: Low

EEE. Remote Cable Length
010: 3 meter
015: 4.5 meter
025: 7.5 meter
035: 10.5 meter
050: 15 meter
075: 22 meter
150: 45 meter
XXX: Integral configuration

Example: Remote system, standard sensing element, 24 VDC supply, High level fail safe, 7.5 meter cable.

Part number: DR506-0070-0-01-2-0-025