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81CX4



Actual product appearance may vary.

Explosion-Proof Limit Switches Series
CX: Standard Housing: Side Rotary,
Lever not included

Features

Sealing - applicable portions of NEMA 1, 3, 4, 4X, 6, 6P, 7, 9, and 13
Watertight and dust-tight for outdoor use
4 mA to 20 mA analog output available
UL Listed, file #E14274
Analog UL file #E68247
CSA Certified, file #LR57324
Rugged, cast aluminum housing
Pretravel, overtravel, and actuating sequence can be field adjusted without tools (all basics individually)
Rotary types convert in seconds to clockwise, counter -clockwise, or both - way operation

Potential Applications

Control valves and actuators
Petro-chemical plants
Grain handling
Waste treatment
Hazardous waste handing
Power generating
Paint facilities

Description

MICRO SWITCH™ CX switches are built especially for outdoor use in hazardous atmospheres. These enclosures are constructed to withstand the pressure of an internal explosion. Flame paths cool the exploded gases to a point less than the lowest safe operating temperature of the surrounding gas.

Supporting Documentation

- ▶ Installation Instructions
- ▶ Lever - Required Accessory
- ▶ Engineering Drawing

Product Specifications	
Availability	Global
Operating Force (O.F.)	1,25 Nm [.922 lb ft] max.
Release Force (R.F.)	0,113 Nm [.083 lb ft] min.
Pretravel (P.T.)	15° max.
Overtravel (O.T.)	90° min.
Differential Travel (D.T.)	10° max.
Product Type	MICRO SWITCH™ Weather Sealed, Explosion - Proof Limit Switches
Actuator	Side Rotary
Lever Style	Lever Not Included - Reference Lever Required Accessory
Circuitry	1NC 1NO SPDT Snap Action; 4 Basic Switches
Ampere Rating	15 A Ind./ 0.5 A Res./0.25 A Res.
Supply Voltage	120 Vac, 240 Vac or 480 Vac/125 Vdc/250 Vdc
Housing Material	Bronze
Termination Type	0.75 in - 14NPT conduit
Housing Type	CX: Standard: 145 mm [5.71 in]
Series Name	CX
Sealing	NEMA 1, 3, 4, 4x, 6, 6P, 7 (Class I, Division 1, Groups C, D), 9 (Class II, Division 1, Groups E, F,G), 13
Approvals	UL listed, CSA Certified
CSA File #	LR57324
UL File #	E14274
Operating Temperature Range	- 25 °C to 85 °C [- 13 °F to 185 °F]
Comment	Bronze housing resistant to salt water and other corrosive environments
UNSPSC Code	302119
UNSPSC Commodity	302119 Switches and controls and relays
Sealed	Explosion - proof

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