



Certification Record

CUSTOMER	CLASS	FILE
Proximity Controls Division of Dwyer Instruments, Inc. 1431 State Hwy 210 E, Fergus Falls MN 56537-9031 USA	3218-06 INDUSTRIAL CONTROL EQUIPMENT-Miscellaneous Apparatus - For Hazardous Locations Refer to Class Description for program details	028964_0_000

Class I, Groups A, B, C and D; Class II, Groups E, F and G:

- Rotary Position Indicating Switches, magnetically operated, Models 11abc-d, 12abc-d, 13abc-d, 14abc-d, 15abc-d, 16abc-d, 19abc-d, 31abc-d, 32abc-d, 33abc-d, 34abc-d, 35abc-d, 36abc-d, 61abc-d and 62abc-d; Maximum operating ambient: 80°C.

where

a = switch type and rating

A = SPDT Snap, Rated: 15A @ 125/250/480V ac; 1/8 hp @ 125V ac, 1/4 hp @ 250V ac, 0.5A @ 125V dc, 0.25A @ 250V dc.

B = SPDT Snap, Rated: 15A @ 125/250/480V ac; 1/8 hp @ 125V ac, 1/4 hp @ 250V ac, 0.5A @ 125V dc, 0.25A @ 250V dc; Inductive Sensor. 10 to 30V dc. Load: 0.1A

C = SPDT High Temperature Snap, 350°F (176°C) for 600 hours, Rated: 15.1A @ 125/250/277V ac.

D = DPDT Snap, Rated: 10A @ 125/250V ac, 0.3A @ 125V dc, 0.15A @ 250V dc

G = SPDT Gold Contact Snap, Rated: 1A @ 125V ac

H = SPDT Hermetically Sealed Snap, Rated: 1A @ 125V ac

I = NAMUR Inductive Sensor. 15 mA max @ 5-25V dc

M = SPDT Magnetic Blow-Out, Rated: 10A @ 125V ac/V dc, 1/4 hp @ 125V ac/V dc

0 = No Switches

R = SPDT Hermetically Sealed Reed, Rated: 2A @ 125V ac, 2A @ 24V dc

S = SPDT Snap, Rated: 4A @ 125/250V ac

T = SPDT High Temperature Snap, 250°F (121°C) Continuous, Rated: 5A @ 125/250/480V ac

V = SPDT Snap, Rated: 10A @ 125/250V ac, 1/3 hp @ 125/250V ac, 0.5A @ 125V dc, 0.25A @ 250V dc, 4A @ 125V ac (tungsten)

W = SPDT Gold Contact Snap, Rated 0.1A @ 125V ac

b = driving method

D = Direct Drive (Yoke) with Stainless Steel Visual Indicator

L = Lever Drive (Shaft), No Visual Indicator

c = enclosure

0, 1, 2, 5, 7 through 20 = Aluminum, Painted

6 = Cast 316 Stainless Steel

d = options

Blank = One 3/4" conduit opening

J1 = Junction Package with One 1/2" NPT Female Conduit Connection and Terminal Strip

J2 = Junction Package with Two 1/2" NPT Female Conduit Connection and Terminal Strips

S = SAA Listed Flameproof

SV1 = 1 Attached Solenoid Valve (Must be ordered with J1 option)

SV2 = 1 Attached Solenoid Valve (Must be ordered with J2 option)

MT = Metric Threaded Conduit Connection, M25 (M20 for optional J1 and J2 connections)

- Proximity Switch, Model Series: "DT", electrical ratings 125V ac/30V dc, 3.0A, Ambient Temperature Range -40°C to 73°C.

Class I, Groups C and D; Class II, Groups E, F and G:

- Level control switches, magnetically operated, pressure actuated Models EXG and EXP rated 15A, 125, 250 or 480V ac; 1/8 hp, 125V ac, 1/4 hp, 250V ac max.
- Rotary Position Indicating Switches, Models 41abc-d, 42abc-d, 43abc-d, 44abc-d, 45abc-d, 46abc-d and 49abc-d; Maximum operating ambient: 80°C.

where

a = switch type and rating

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B = SPDT Snap, Rated: 15A @ 125/250/480V ac; 1/8 hp @ 125V ac, 1/4 hp @ 250V ac, 0.5A @ 125V dc, 0.25A @ 250V dc; Inductive Sensor. 10 to 30V dc. Load: 0.1A

C = SPDT High Temperature Snap, 350°F (176°C) for 600 hours, Rated: 15.1A @ 125/250/277V ac.

D = DPDT Snap, Rated: 10A @ 125/250V ac, 0.3A @ 125V dc, 0.15A @ 250V dc

G = SPDT Gold Contact Snap, Rated: 1A @ 125V ac

H = SPDT Hermetically Sealed Snap, Rated: 1A @ 125V ac

I = NAMUR Inductive Sensor. 15 mA max @ 5-25V dc

M = SPDT Magnetic Blow-Out, Rated: 10A @ 125V ac/V dc, 1/4 hp @ 125V ac/V dc

0 = No Switches

R = SPDT Hermetically Sealed Reed, Rated: 2A @ 125V ac, 2A @ 24V dc

S = SPDT Snap, Rated: 4A @ 125/250V ac

T = SPDT High Temperature Snap, 250°F (121°C) Continuous, Rated: 5A @ 125/250/480V ac

V = SPDT Snap, Rated: 10A @ 125/250V ac, 1/3 hp @ 125/250V ac, 0.5A @ 125V dc, 0.25A @ 250V dc, 4A @ 125V ac (tungsten)

W = SPDT Gold Contact Snap, Rated 0.1A @ 125V ac

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J2 = Junction Package with Two 1/2" NPT Female Conduit Connection and Terminal Strips

S = SAA Listed Flameproof

SV1 = 1 Attached Solenoid Valve (Must be ordered with J1 option)

SV2 = 1 Attached Solenoid Valve (Must be ordered with J2 option)

MT = Metric Threaded Conduit Connection, M25 (M20 for optional J1 and J2 connections)

Class II, Groups F and G:

- Level control switches, magnetically operated, pressure actuated Models XG and XP rated 15A, 125, 250

or 480V ac; 1/8 hp, 125V ac; 1/4 hp, 250V ac max.

Note: Suffix numbers and letters are used to designate electrical entrance, switches, temperature, driver and finish options.

Class I, Div 2; Groups A, B, C, D; Class II, Div 2, Groups F and G; Temperature Code T3C:

- "Quick View" Series rotary position indicators/transmitters, rated 2A, 125V ac; 2A, 30V dc, ambient temperature range - 40 Deg C to 82 Deg C. Enclosure Type 4X.

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