

Type VSD -
see NOTE 2

FUNCTION

- 01 - Base Model Only
No Additional Switches/Sensors
- xxP - Positioner Variant of Electronics
P added after feature number indicates that the positioner variant of the electronics board is used
- 14 - (2) DPDT Mechanical Switch
up to 10 amps @ 125/250 VAC
up to 0.5 amps @ 125 VDC
Not Recommended for I.S. Circuits
- 16 - (2) SPDT Mechanical Switch
up to 10 amps @ 125/250 VAC
up to 0.5 amps @ 125 VDC
Not Recommended for I.S. Circuits
- 17 - (2) SPDT Gold Contact Mechanical Switch
up to 1 amp @ 125 VAC
up to 0.5 amps @ 30VDC
Suitable for I.S. Circuits - See I.S. Parameters on Unit
- 25 - (2) SPDT Reed Switch
Max Current: 3 Amps
Max Power: 100 Watts/VA
Suitable for I.S. Circuits - See I.S. Parameters on Unit
- 40 - (2) SPST Reed Switch
0.15 Amps @ 125VAC/30VDC
Suitable for I.S. Circuits - See I.S. Parameters on Unit
- 42 - (2) V3 Style Proximity Sensor
Op Voltages (sensor dependent) 10 to 60VDC
10 to 250VAC
Op Current (sensor dependent) 2 to 400mA
Some Sensors Suitable for I.S. Circuits - See I.S. Parameters on Unit
- 43 - (2) Non V3 Style Proximity Sensor
Op Voltages (sensor dependent) 10 to 60VDC
10 to 250VAC
Op Current (sensor dependent) 2 to 400mA
Some Sensors Suitable for I.S. Circuits - See I.S. Parameters on Unit
- 70 - POSITION TRANSMITTER - Resistive
4-20mA @ 10 - 40 VDC
monitor may include up to 2 additional switch/sensors from functions 16, 17, 25, 40, 42 or 43
Transmitter Suitable for I.S. Circuits - See Criteria on Unit
- 90 - (2) Non V3 Style Proximity Sensor
With Fieldbus Communication
Not Suitable for I.S. Circuits

ENCLOSURE

- S - 316SS Cover & Housing
- L - 316L SS Cover & Housing

CONDUIT

- Z - (6) M20 x 1.5
- Y - (3) M25 x 1.5 & (3) M20 x 1.5
- X - (2) M25 x 1.5 & (4) M20 x 1.5
- W - (1) M25 x 1.5 & (5) M20 x 1.5
- V - (6) 1/2"NPT
- U - (3) 3/4" NPT & (3) 1/2"NPT
- T - (2) 3/4" NPT & (4) 1/2"NPT
- S - (1) 3/4" NPT & (5) 1/2"NPT

OUTPUT DRIVE

- S - 2 Pin Drive
- N - NAMUR Drive

INDICATOR

- R - RED CLOSED / GREEN OPEN (ABS material of construction)
- B - BLUE CLOSED / WHITE OPEN (ABS material of construction)
- E - RED CLOSED / YELLOW OPEN (ABS material of construction)
- O - NO VISUAL INDICATOR

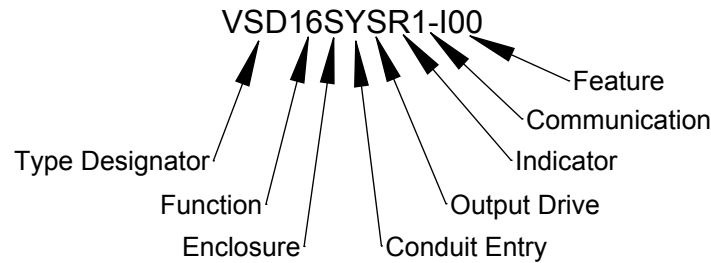
COMMUNICATION

- 0 - No Additional Comms
- 1 - Foundation Fieldbus
- 2 - HART
- 3 - Bluetooth
- 4 - Wireless HART
- 5 - Modbus
- 6 - Other (use Feature)

FEATURE

- IXX - Exd ib Feature Designator Non I.S. Components
See Note 1 below
- AXX - Exd ib Feature Designator ATEX Only
See Note 1 below
- BXX - Exd ib Feature Designator ATEX and IECEx
See Note 1 below

Part Number Compilation:



NOTE 1:

The exact detail of switches/sensors/transmitters fitted in the monitor is not fully specified by the basic part number. The 'feature designator' provides a mechanism for cross-referencing to a centralised log establishing the make and model of parts fitted in a given unit.

NOTE 2:

The 'base' VSD Unit comprises the standard PST board with internally wired 4-20mA transmitter and is always included as part of the unit.

REV	DRAWN	DATE	CHK'D	ECO
	PT	22.6.12		12-1882
A	PT	3.12.12		12-1964
B	PT	10.1.13		13-1979
C	PT	15.2.13		13-2019

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

TITLE:

Type VSD - Master Model Description

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DEBUR AND
BREAK SHARP
EDGES

MATERIAL:
WEIGHT(g):

DWG NO.

A190281-EX

SCALE:1:1

SHEET 1 OF 1

REV
C
STATUS
S