

ATEX Compliant

ATEX Compliant Solid State Switch/Tie-rod Mounting

D-F5P-588



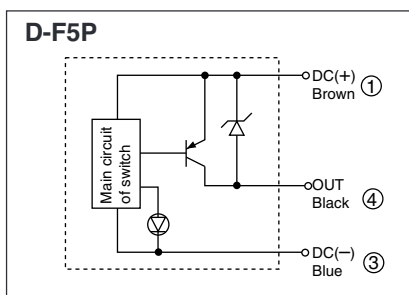
II 3G Ex nA II T5 X -10 °C ≤ Ta ≤ +60 °C
II 3D Ex tD A22 IP67 T93°C X

Grommet



Note) All other specifications (dimensions, drawings, etc.) are the same as the non ATEX type.

Internal Circuit



Specifications

PLC: Programmable Logic Controller

D-F5P (With indicator light)	
Auto switch model number	D-F5P
Wiring	3 wire
Output	PNP
Application	IC circuit/Relay/PLC
Power voltage	5/12/24 V DC (4.5 to 28 V DC)
Current consumption	10 mA or less
Load current	80 mA or less
Internal voltage drop	0.8 V or less
Current leakage	100 µA or less at 24 V DC
Indicator light	Red LED illuminates when turned ON

• This category 3 type autoswitch can only be used in zones 2 and 22.

Oilproof Heavy-duty Lead Wire Specifications

Auto switch model		D-F5P
Sheath	Outside diameter [mm]	Ø 4
Insulator	Number of cores	3 cores (Brown/Blue/Black)
	Outside diameter [mm]	Ø 1.22
Conductor	Cross section [mm ²]	0.3
	Strand diameter [mm]	Ø 0.08
Minimum bending radius [mm] (Reference)		24

How to order

D-F5P -588

Auto switch part number

Lead wire length

Suffix for ATEX certified category 3

-	0.5 m
L	3 m
Z	5 m
SAPC	0.5 m + M8 - 3 pins pre-wired connector
MAPC	1 m + M8 - 3 pins pre-wired connector
SBPC	0.5 m + M8 - 4 pins pre-wired connector
MBPC	1 m + M8 - 4 pins pre-wired connector
SDPC	0.5 m + M12 - 4 pins pre-wired connector
MDPC	1 m + M12 - 4 pins pre-wired connector

Connector Specifications

Connector type	M8-3 pins	M8-4 pins	M12-4 pins
Pin arrangement			