

Features

- 2-wire system
- M20x1.5 female/male thread(optional)
- Strong resistance to surge
- For series connection
- 304 stainless steel shell
- 24V signal system

Discription

This SPD limits induced transients of different origin (lightning stroke, switching impulse, etc.). This is achieved by diverting the transient current to ground and limiting the signal line voltage to a safe level for the duration of the surge.

It can be applied to 2-wire pressure transmitter, valve positioner, electrical converter, flowmeter, solenoid valve and RS485 ect.

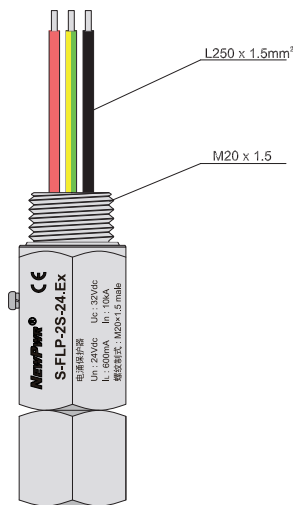


Parameter

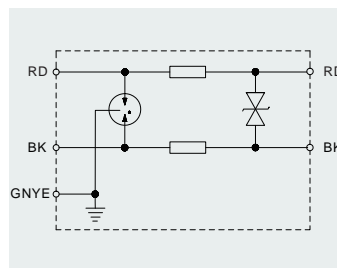
Nominal voltage Un	24 V
Max. continuous operating voltage Uc(DC)	32 V
Max. continuous operating voltage Uc(AC)	22.5 V
Nominal current IL	600 mA
Total lightning impulse current Iimp(10/350 μs),D1	2 kA
Max. discharge current Imax(8/20 μs),C2	20 kA
Nominal discharge current In(8/20 μs),C2	10 kA
Voltage protection level Up(8/20 μs) , C2	L-L≤60 V/ L-PE≤600 V
Bandwidth fG(100 Ω resistance)	10 MHz
Series impedance	2.2 Ω
Response time Ta	<1 ns
Intrinsically safe circuit certification	Ex ia IIC T6 Ga
General parameters	
Operating temperature	-40 °C ~ +80 °C
For mounting on (field / device side)	M20x1.5、1/2" 14NPT、 G 1/2"ect (male thread)
Grounding on	Yellow-green line
Installtion	Series connection
Length of the connecting lead	connection:1.5 mm ² length:250 mm
Material	304/316 Stainless steel
Flame retardant grade(UL94)	V0
Protection degree	IP67
Standards	IEC 61643-21/ GB/T 18802.21

Graphics

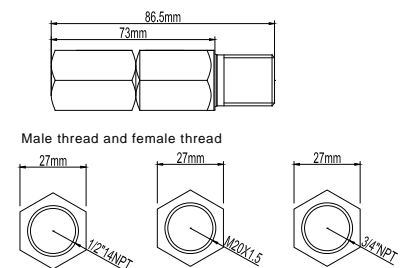
SIL3
IEC 61508



Schematic



Dimensions



Application

