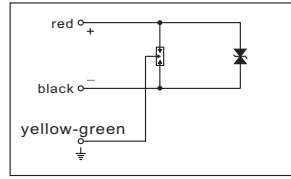


Screw Mounting SPD(Parallel Connection)

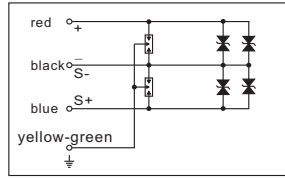
Features

- Flame-proof, Intrinsic safety certification
- Suitable for 2,3,4-wire transmitter, thermal resistor, thermocouple, RS-485, RS-232, RS-422, flowmeter, solenoid valve, etc.

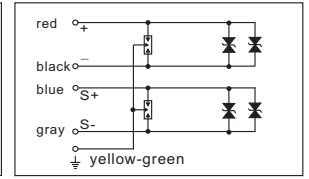
CZLBX-48



CZLBX-48-3

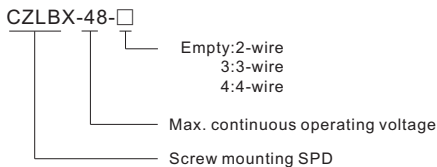


CZLBX-48-4



Technical Data	2-wire	3-wire	4-wire
Nominal operating voltage Un	24V	24V	24V
Max. continuous operating voltage Uoc	48V	48V	48V
Nominal discharge current In(8/20µs)	10kA	10kA	10kA
Total discharge current Itotal(8/20µs)	20kA	20kA	20kA
Impulse current Iimp(10/350µs)	2.5kA	2.5kA	2.5kA
Voltage protection level Up(8/20µs) (L-L)	85V	85V	85V
Voltage protection level Up(8/20µs) (L-G)	600V	600V	600V
Bandwidth(-0.5dB)	10MHz	10MHz	10MHz
Response time	1ns	1ns	1ns
Housing protection grade(accord with IEC60529)	IP 65	IP 65	IP 65
Housing material	304 stainless steel	304 stainless steel	304 stainless steel
Thread standard	specified when ordering	specified when ordering	specified when ordering
Testing standard	GB/T 18802.21 / IEC 61643-21	GB/T 18802.21 / IEC 61643-21	GB/T 18802.21 / IEC 61643-21
Certification			
Lighting protection performance test			Shanghai Lightning Protection Center
Functional safety certification	SIL3	SIL3	SIL3
Intrinsic safety certification	Ex d II C T4 ~ T6 Gb Ex ia II C T4 ~ T6 Ga	Ex d II C T4 ~ T6 Gb Ex ia II C T4 ~ T6 Ga	Ex d II C T4 ~ T6 Gb Ex ia II C T4 ~ T6 Ga

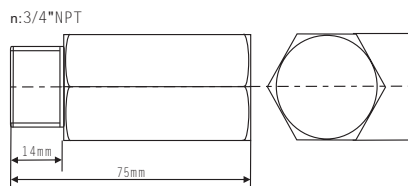
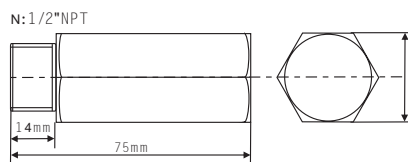
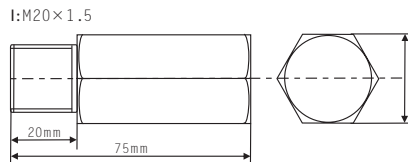
Naming



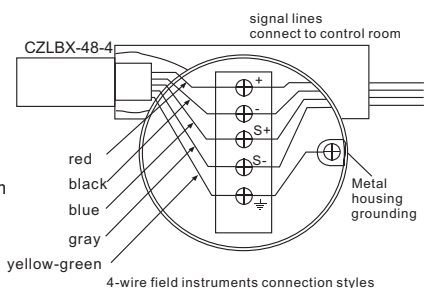
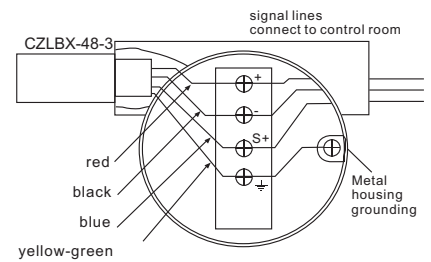
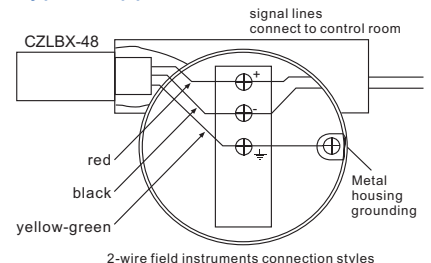
Thread standard, separately specified when ordering:

- I: M20×1.5
- N: 1/2" NPT
- n: 3/4" NPT

Dimensions



Typical application



SIL3
IEC61508

PS: Wire specification 32/0.2 (1.0mm², 18AWG), wire length 180mm



Shanghai Lightning Protection Center
Lighting protection performance test



National explosion-proof electrical products
Quality supervision and inspection center certification



China Quality Certification Center
CQC Identification