



产品概述

本安防爆认证
 适合二、三、四线制变送器、热电阻、
 热电偶、RS485、RS232、RS422、流量计、
 电磁阀等设备的保护

Product overview

Intrinsically safe explosion-proof certification
 Suitable for protection of 2-wire, 3-wire and 4-wire
 transmitter, TC, RTD, RS485, RS232, RS422, flowme-
 ter, electromagnetic valve etc.

技术数据 Technical data

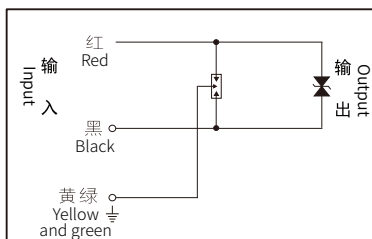
二线制 Two-wire

三线制 Three-wire

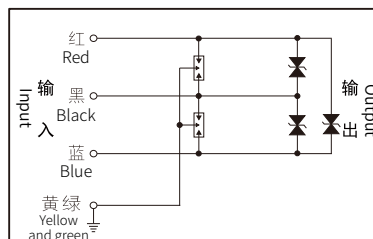
四线制 Four-wire

额定工作电压Un Rated operating voltage Un	24V	24V	24V
最大工作电压Uc Maximum operating voltage Uc	35V	35V	35V
标称放电电流In(8/20μs) Nominal discharge current In (8 / 20μs)	10kA	10kA	10kA
最大放电电流Imax(8/20μs) The maximum discharge current (8 / 20μs)	20kA	20kA	20kA
雷电冲击电流Iimp(10/350μs) Lightning surge current Iimp (10 / 350μs)	2.5kA	2.5kA	2.5kA
保护电压Up(8/20μs) 线对线 Protection voltage Up (8 / 20μs) line-to-line	60V	60V	60V
保护电压Up(1kV/μs) 线对地 Protection voltage Up (1KV / μs) line to ground	600V	600V	600V
响应时间 Response time	1ns	1ns	1ns
外壳防护等级(符合IEC 60529) Degrees of protection provided by enclosure (in line with IEC 60529)	IP 67	IP 67	IP 67
外壳材料 Housing material	304不锈钢 304 stainless steel	304不锈钢 304 stainless steel	304不锈钢 304 stainless steel
螺纹制式 Thread format	订货时指定 Specify when ordering	订货时指定 Specify when ordering	订货时指定 Specify when ordering
测试标准 Test standard	GB/T 18802.21 / IEC 61643-21	GB/T 18802.21 / IEC 61643-21	GB/T 18802.21 / IEC 61643-21
防爆认证 Explosion-proof certifications	EX d II C T4-T6 Gb	EX d II C T4-T6 Gb	EX d II C T4-T6 Gb
	EX ia II C T4-T6 Ga	EX ia II C T4-T6 Ga	EX ia II C T4-T6 Ga
工作温度范围 Working temperature range	-40 °C ~ +80 °C	-40 °C ~ +80 °C	-40 °C ~ +80 °C

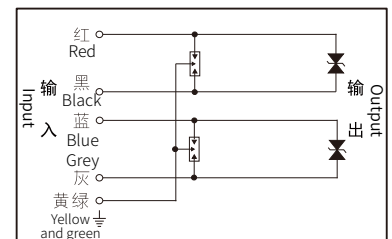
PHL-TX24-P2-*-EX



PHL-TX24-P3-*-EX



PHL-TX24-P4-*-EX

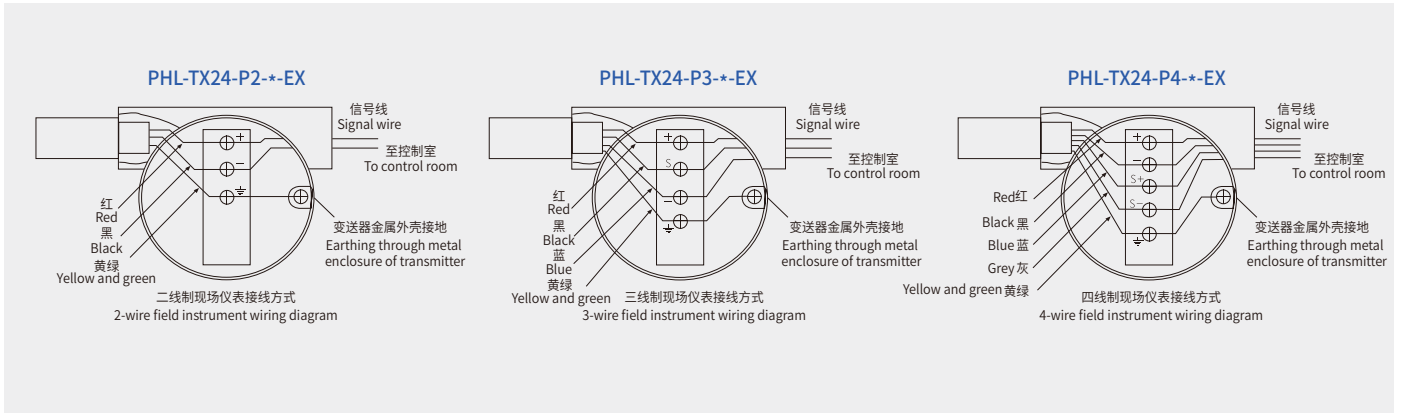


型号中“*”号代表螺纹规格, 订货时须指定:

The "*" in the model number represents the thread specification, which must be specified when ordering:

I:M20X1.5 N:1/2”NPT G:G1/2”

接线方式 Schematic diagram



外形尺寸 Dimension drawings

