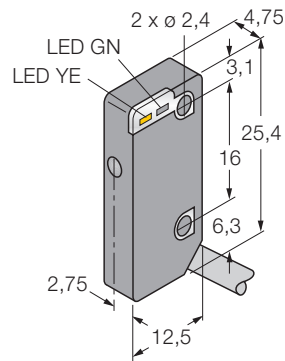
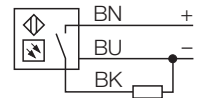


Photoelectric sensor receiver VS4RP5R



● dark operate

Wiring diagram



Opposed mode sensors consist of a separate emitter and receiver. These are installed directly opposite each other so that the light from the emitter is aimed directly at the receiver. When an object interrupts or weakens the light beam, the sensor switches. Opposed mode sensors are the most reliable photoelectric sensors for detection of opaque targets. An excellent contrast between light and dark conditions and an extremely high excess gain are typical of this sensing mode, thus allowing operation over larger distances and under difficult conditions.

Type	VS4RP5R
Ident-No.	3069426
Operating mode	Opposed mode (receiver)
Operating temperature	-20 ...+ 55 °C
Rated operational voltage (DC) U_B	10... 30 VDC
Rated operational current (DC) I_e	≤ 100 mA
No-load current I_0	≤ 25 mA
Short-circuit protection	yes, cyclic
Reverse polarity protection	yes
Output function	normally open, PNP
Switching frequency	≤ 660 Hz
Max. switch-on delay	≤ 100 ms
Housing style	rectangular; VS4
Housing material	plastic, PC
Lens	Kunststoff, PC
Wiring	cable
Cable length	2 m
Cable cross section	3 x 0,381 mm ²
Degree of protection	IP67
Supply voltage indication	LED green
Switching status indication	LED green
Error indication	LED green blinkend
Alarm indication	LED yellow blinkend