

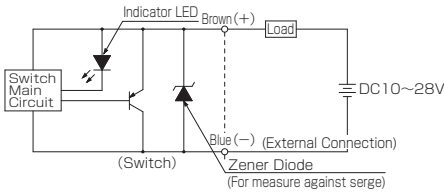
Specifications

Item \ Type	ZE135	ZE155	ZE235	ZE255
Wiring Method	2 Wire System	3 Wire System	2 Wire System	3 Wire System
Lead Wire Leading Direction	Straight Type		L-shaped	
Power-supply Voltage	—	DC4.5~28V	—	DC4.5~28V
Load Voltage	DC10~28V	DC4.5~28V	DC10~28V	DC4.5~28V
Load Current	4~20mA (At 25°C, 10mA at 60°C)	50mA MAX.	4~20mA (At 25°C, 10mA at 60°C)	50mA MAX.
Consumption Current at ON	—	10mA MAX. (DC24V)	—	10mA MAX. (DC24V)
Internal Drop Voltage ^{Note 1)}	4.5V MAX.	0.5V MAX. (However, 20 mA at the voltage of 1.0 V or less)	4.5V MAX.	0.5V MAX. (However, 20 mA at the voltage of 1.0 V or less)
Leak Current	1mA (DC24V, 25°C)	50μA MAX. (DC24V)	1mA (DC24V, 25°C)	50μA MAX. (DC24V)
Delay Time	1ms MAX.			
Insulation Resistance ^{Note 2)}	100MΩ MIN. (Between case and lead wire terminal at DC 500V Mega)			
Withstand Voltage ^{Note 2)}	AC500V(50/60Hz) 1 minute (Between case and lead wire terminal)			
Shock Resistance	294m/s ² {30.0G} (Non-repetitive)			
Vibration Resistance	Double amplitude 1.5mm·10~55Hz {88.3m/s ² {9.0G}}			
Protection Structure	IEC IP67, JIS C0920 (Watertight type)			
Operation Indicator	Red LED indicator illuminates at ON			
Lead Wire ^{Note 3)}	PCCV0.15SQ×2 cores (brown, blue)× ϕ ^{Note 3)}	CCV0.15SQ×3 cores (brown, blue, black)× ϕ ^{Note 3)}	PCCV0.15SQ×2 cores (brown, blue)× ϕ ^{Note 3)}	CCV0.15SQ×3 cores (brown, blue, black)× ϕ ^{Note 3)}
Operating Temperature Range	0~60°C			
Storage Temperature Range	-10~70°C			
Mass	15 g (When the lead wire length A is 1 m), 35 g (When the lead wire length B is 3 m)			

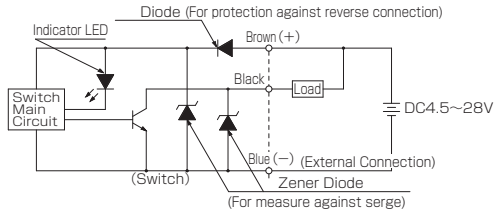
Note 1): The internal drop voltage changes depending on the load current. Note 2): As per our test standards. Note 3): Lead wire length L: A: 1 m, B: 3 m

Internal Circuit

ZE135-ZE235

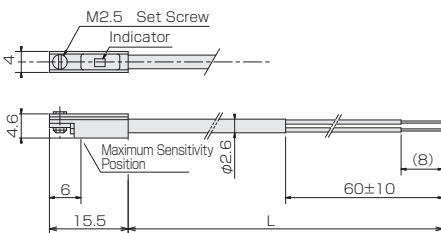


ZE155-ZE255



Outside Dimensions [mm]

ZE135-ZE155



ZE235-ZE255

