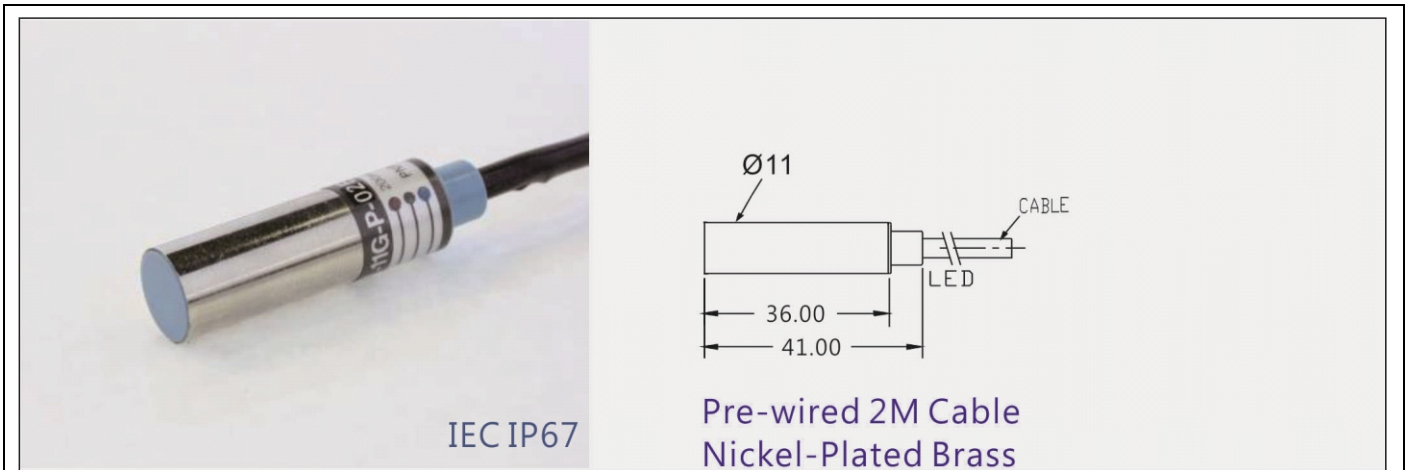
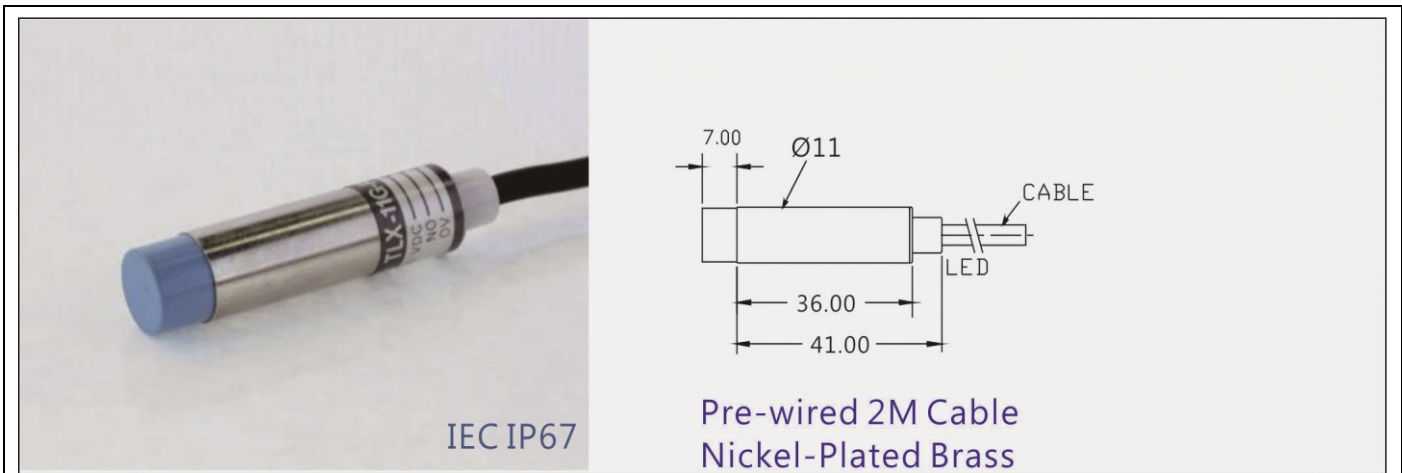


### Ø11 Series

**No-touch operation · high response frequency · wide range application.**  
**Variety of specification · switching output · dimension and housing material.**  
**Variable with cable or connector version · customer-specific versions available.**  
**Reverse polarity and short circuit protection.**  
**Good environmental resistance up to IP67.**  
**All products are CE approved.**



Switching Output	Model Number	Operating Voltage	Response Frequency	Sensing Distance
DC 3-Wire NPN NO	TLX-11GN02E1	DC 10~30V	1000Hz	2mm
DC 3-Wire NPN NC	TLX-11GN02E2			
DC 3-Wire PNP NO	TLX-11GP02E1			
DC 3-Wire PNP NC	TLX-11GP02E2			
Item	Specifications			
Standard sensing object	Iron, 12×12×1 mm			
Installation	Shielded			
Load current	≤200mA			
Operation indicator	Red LED			
Circuits protection	Short circuit protection			
Ambient temperature & humidity range	Operating : -20 ~ 70°C / RH 35 ~85% (with no icing or condensation)			



Switching Output	Model Number	Operating Voltage	Response Frequency	Sensing Distance
DC 3-Wire NPN NO	TLX-11GN04E1	DC 10~30V	600Hz	4mm
DC 3-Wire NPN NC	TLX-11GN04E2			
DC 3-Wire PNP NO	TLX-11GP04E1			
DC 3-Wire PNP NC	TLX-11GP04E2			
Item	Specifications			
Standard sensing object	Iron, 12×12×1 mm			
Installation	Unshielded			
Load current	≤200mA			
Operation indicator	Red LED			
Circuits protection	Short circuit protection			
Ambient temperature & humidity range	Operating : -20 ~ 70°C / RH 35 ~85% (with no icing or condensation)			

## Wiring Diagram :

