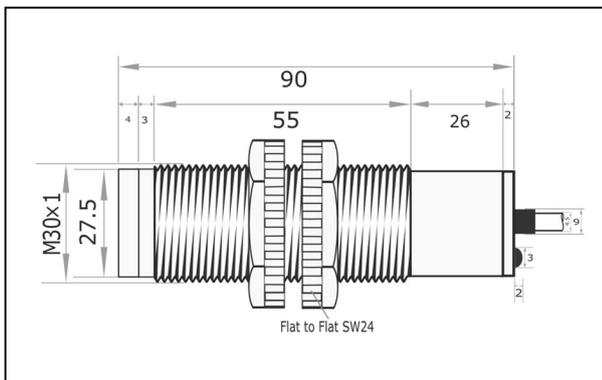


# Photo Electric Proximity Switch - Diffuse Reflection

M30 | 1000mm | NPN | Dark ON | 200mA | 3 Wire | SCP

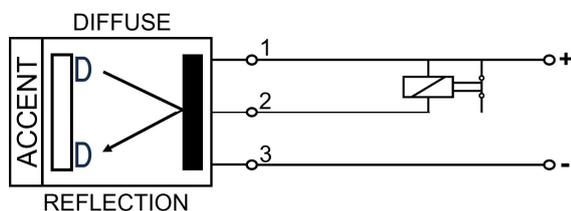
Ordering Code: D31C-30DR-1000-ND-2S



ACCENT CONTROLS

Technical Specifications	
<b>Optical Data</b>	
Detection range (Sd)	1000 mm $\pm$ 10%
Minimum Target Size	200 x 200 mm White Paper of 90% Reflectivity
Hysteresis	$\leq$ 25% of Sd
Light Source	Infrared
Maximum Ambient Light	10,000 Lux
Opening Angle	$\pm$ 10°
<b>Electrical Data</b>	
Operating Voltage	10 - 30 VDC
Supply Voltage Ripple	< 10 % peak-to-peak
Current Consumption (No Load)	< 40 mA
Output Circuit Type	NPN, Dark ON
Maximum Load Current	200 mA
Voltage Drop	$\leq$ 2.5V
Temperature Drift of Switching Point	$\pm$ 10 %
Operating Temperature Range	0 to 60°C
Detection Range adjustment (Optional)	Via Multi turn Potentiometer
Switching Frequency	250 Hz
O/P status Indicator	Red LED
Short circuit Protection	Yes
Reverse Polarity Protection	Yes
<b>Mechanical Data</b>	
Environmental Protection	IP67
Housing Dimensions	M30 x 90;
Housing Material	Nickel Plated Brass
<b>Electrical Connections</b>	
Termination	2 meter Prewired 3-Core PVC Cable (3 x 0.22mm <sup>2</sup> )

Accessories	
<b>Mounting Nuts – 2 nos. (Included in Delivery)</b>	



### Wire Colour Coding:

1. RED : +
2. GREEN : Output
3. BLACK :-