



## Sensor BEN300-DFR

URL: <https://www.sxplc.com/sensor-ben300-dfr>

### Product data sheet

Sensing type	Diffuse reflective type
Sensing distance	300mm
Sensing target	Opaque, Translucent material
Light source	Infrared LED(940nm)
Response time	Max. 20ms
Power supply	24-240VAC $\pm 10\%$ 50/60Hz, 24-240VDC $\pm 10\%$ (ripple P-P: max. 10%)
Current consumption	Max. 4VA
Sensitivity adjustment	Sensitivity adjuster
Operation mode	Light ON/Dark ON(set by switch)
Control output	Relay
Connection type	Cable type( $\varnothing 5$ , 2m)
Environment_Ambient illumination	Sunlight: Max. 11,000lx, Incandescent lamp: Max. 3,000lx (received illumination)
Environment_Ambient temperature	-20 to 65°C, storage: -25 to 70°C
Protection structure	IP50
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Hysteresis(distance)	Max. 20% at sensing distance

