

Capacitive Sensors

DC Capacitive Sensor



TECHNICAL SPECIFICATION

Type	DC PNP/NPN, NO/NC
Operating voltage	10 - 30V DC
Current consumption	<15mA DC
Output voltage drop at maximum load	<2V DC
Maximum load current	200mA
Sensing distance (S_n)	As per standard
Real sensing distance (S_r)	$S_n \pm 10\%$
Effective sensing distance (S_e)	$0.81 S_n = S_e = 1.21 S_r$
Hysteresis	5 to 15% of S_n
Protection class	IP 67
Operating temperature	0-70°C

