

CM18



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Capacitance Proximity Sensors CM18

Model explanation of Photoelectric Sensor

$\frac{G}{1} \frac{18}{2} - \frac{3}{3} \frac{A}{4} \frac{10}{5} \frac{N}{6} \frac{A}{7} \frac{\square}{8}$

1. Switch category(LM: inductance type; CM: capacitance type; SM:Hall type; AM:safety explosion-proof type; XM: mimic linear type)
2. Outward appearance code(■: Cylinder type; F: Angular column type and plane installation type)
3. Operating voltage(30: 6-36VDC; 310: 5-24VDC; 320: 12-60VDC; 20: 90-250VAC; 210: 24-250VAC; 220: 380VAC; 40: 12-240VDC/24-240AC; 50: Special voltage)
4. Detection distance(01: 1mm; 05:5mm; 10:10mm)
5. Output method (N: Three-line DC NPN output; P: Three-line DC PNP output; L: Two-line DC output; ■: AC two-wire output; J: Relay output; NP: NPN+PNP output)
6. Output status(A: NO; B: NC; C: NO+NC; MU: Mimic voltage; MI: Mimic current)
7. Auxil function code(T: With connector; Y: Water proof, oil proof; I: Special requirement; H: High temp resistance; R: Ring type)

Main features

- Compact volume
- high precision of repeated location
- Diversified exterior structures
- Good performance of anti-interference.
- Many output forms
- High on-off frequency.
- Wide voltage range
- Dust proof,vibration proof,water proof and oil proof.
- With short-circuit protection and inverted connecting protection.
- Long service life

Technical Parameters

Model NO.	Detection distance	Working voltage	Output		Flush
			Form	State	
CM18-3005NA	0-5mm	DC6-36V	NPN	NO	Flush
CM18-3005NB	0-5mm	DC6-36V	NPN	NC	Flush
CM18-3005NC	0-5mm	DC6-36V	NPN	NO+NC	Flush
CM18-3005PA	0-5mm	DC6-36V	PNP	NO	Flush
CM18-3005PB	0-5mm	DC6-36V	PNP	NC	Flush

CM18-3005NC	0-5mm	DC6-36V	NPN	NO+NC	Flush
CM18-3005PA	0-5mm	DC6-36V	PNP	NO	Flush
CM18-3005PB	0-5mm	DC6-36V	PNP	NC	Flush
CM18-3005PC	0-5mm	DC6-36V	PNP	NO+NC	Flush
CM18-2005A	0-5mm	AC90-250V	SCR Control lable silicon	NO	Flush
CM18-2005B	0-5mm	AC90-250V	SCR Control lable silicon	NC	Flush
CM18-3008NA	0-8mm	DC6-36V	NPN	NO	Non-flush
CM18-3008NB	0-8mm	DC6-36V	NPN	NC	Non-flush
CM18-3008NC	0-8mm	DC6-36V	NPN	NO+NC	Non-flush
CM18-3008PA	0-8mm	DC6-36V	PNP	NO	Non-flush
CM18-3008PB	0-8mm	DC6-36V	PNP	NC	Non-flush
CM18-3008PC	0-8mm	DC6-36V	PNP	NO+NC	Non-flush
CM18-2008A	0-8mm	AC90-250V	SCR Control lable silicon	NO	Non-flush
CM18-2008B	0-8mm	AC90-250V	SCR Control lable silicon	NC	Non-flush

