

Italian Sensors Technology







M30 cylindrical capacitive Sensor C30



Proximity Sensors

Catalogue
Cod. CAT3EC31261650 Datasheet - C30 - English - Ed.01/2012







Series C30

capacitive cylindrical



www.microdetectors.com

market sectors and applications

plastic industry
chemical & petrochemical industry
wood industry
photovoltaic installations
glass & ceramic industry
packaging industry
logistic & automatic storage systems
automatic breeding systems
automatic car washing systems
pools & whirlpool baths
vending machines



features

DC or AC supply voltage

High noise immunity

Shielded and unshielded models

Adjustable sensitivity

Metallic or plastic housing

approvals





protection degree

IP67









M30 cylindrical capacitive Sensor C30

C30 capacitive Proximity Sensors are made in a M30 polyester and metallic threaded housing. Their high technology can grant a high noise immunity.

Output indication is activated through yellow LED. SCR output is normally closed or normally open. 2 mt. long cable or M12 plug models are available. All sensors have an **IP67 protection degree**.

packaging content

Instruction manual (English + Italian): CAT8BCT1259401

further commercial and technical documents available

Datasheet (Italian: CAT3ECQ3261649 and Spanish: CAT3SCQ3261651)

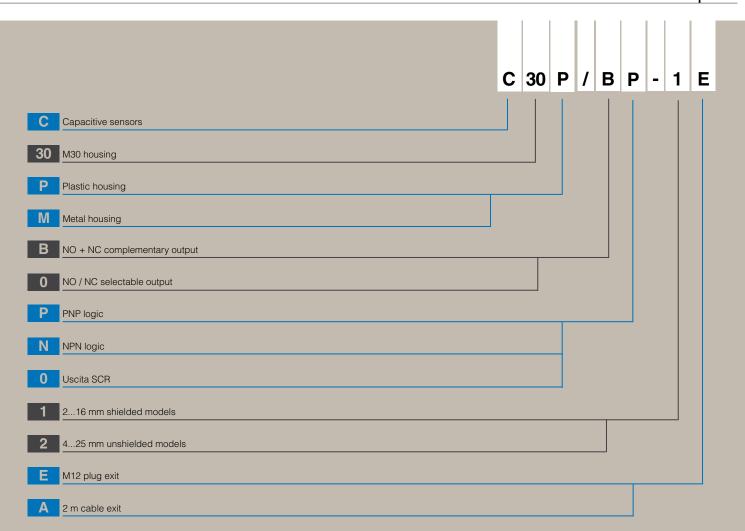
High resolution pictures

Application notes:

- position detection of buckets, dumpers, loadersin diggers (English: CAT3E001261620, Italian: CAT3I001261619 & Spanish: CAT3S001261621)
- detection of food in automatic mangers (English: CAT3E001261623, Italian: CAT3I001261622, & Spanish: CAT3S001261624)
- water level detection in whirlpool baths (English: CAT3E001261626, Italian: CAT3I001261625 & Spanish: CAT3S001261627)
- soaps and waxes level in automatic washing systems (English: CAT3E001261629, Italian: CAT3I001261628, & Spanish: CAT3S001261630)
- water level detection in automatic washing systems (English: CAT3E001261632, Italian: CAT3I001261631 & Spanish: CAT3S001261633)
- goods detectioninside boxes (English: CAT3E001261635, Italian: CAT3I001261634 & Spanish: CAT3S001261636)
- freeze-dried products detection in vending machines (English: CAT3E001261638, Italian: CAT3I001261637 & Spanish: CAT3S001261639)
- photovoltaic panles presence and position detection (English: CAT3E001261641, Italian: CAT3I001261640 & Spanish: CAT3S001261642)

custom models already tested

minimum quantity that can be ordered



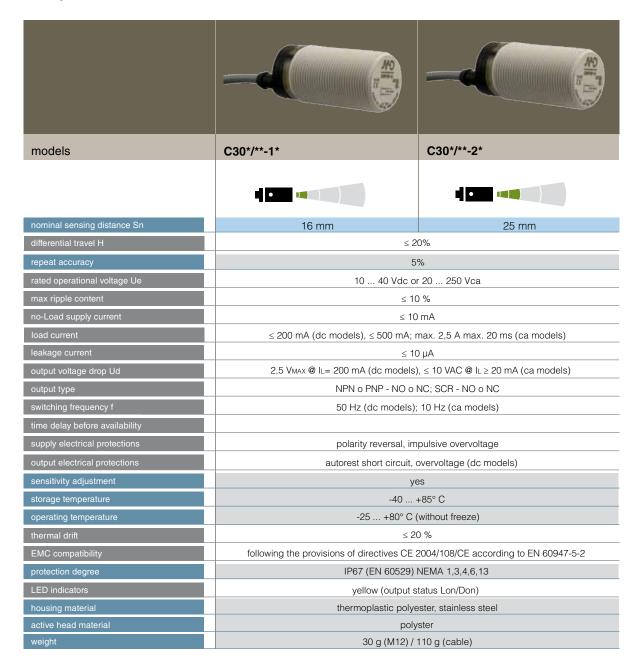
available models

supply	housing	installation	distance	connections	NPN NO+NC	PNP NO+NC	SCR NO/NC
1040 Vcc	stainless steel	shielded	216 mm	2 m cable	C30M/BN-1A	C30M/BP-1A	-
		unshielded	425 mm	M12 plug	C30M/BN-2E	C30M/BP-2E	-
		shielded	216 mm	2 m cable	C30M/BN-1A	C30M/BP-1A	-
		unshielded	425 mm	M12 plug	C30M/BN-2E	C30M/BP-2E	-
	plastic	shielded	216 mm	2 m cable	C30P/BN-1A	C30P/BP-1A	-
		unshielded	425 mm	M12 plug	C30P/BN-2E	C30P/BP-2E	-
		shielded	216 mm	2 m cable	C30P/BN-1A	C30P/BP-1A	-
		unshielded	425 mm	M12 plug	C30P/BN-2E	C30P/BP-2E	-
20250 Vac	stainless steel	shielded	216 mm	2 m cable	-	-	C30M/00-1A
		unshielded	425 mm	M12 plug	-	-	C30M/00-2E
		shielded	216 mm	2 m cable	-	-	C30M/00-1A
		unshielded	425 mm	M12 plug	-	-	C30M/00-2E
	plastic	shielded	216 mm	2 m cable	-	-	C30P/00-1A
		unshielded	425 mm	M12 plug	-	-	C30P/00-2E
		shielded	216 mm	2 m cable	-	-	C30P/00-1A
		unshielded	425 mm	M12 plug	-	-	C30P/00-2E



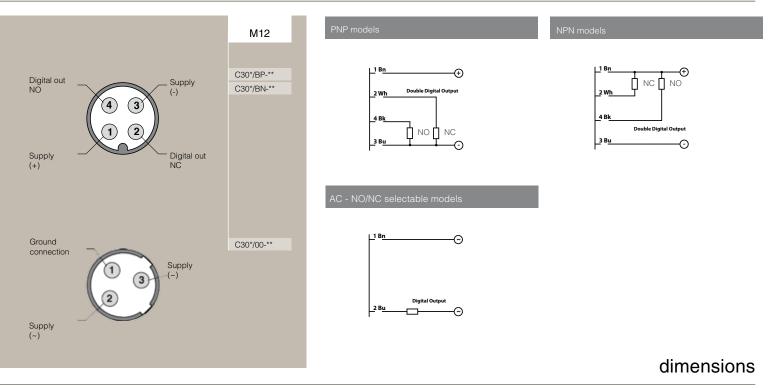
technical specifications

according to IEC EN 60947-5-2 and IEC EN 60947-5-7





electrical diagrams of connections



Ø 28 Ø 28 M12 4 pin CC plug exit 10 50 62 M12 3 pin CA plug exit 13.6 13.6 LED LED 15.4 15.4 M12 cable plug exit mm



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