

Technical data, Approximate dimensions

Inductive sensors, block & square housings



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Operating distance S_n , mounting		20 mm, flush	30 mm, non-flush	20 mm, flush	30 mm non-flush
PNP	NO	SIF20-Q40S-C1-PO	SIN30-Q40S-C1-PO	SIF20-Q40T-C1-PO	
	NC				
	Antivalent			SIF20-Q40T-C1-PK	SIN30-Q40T-C1-PK
NPN	NO				
	Antivalent				
DC 2-wire	NO				
AC	NO				
	NC				
	Antivalent				
Switching distance	[mm]	0 ... 16,2	0 ... 24,3	0 ... 16,2	0 ... 24,3
Reduction factor	r_{V2A}	0.85	0.85	0.85	0.85
	r_{AL}	0.4	0.5	0.4	0.5
	r_{Cu}	0.35	0.45	0.35	0.45
Operating voltage	[V]	10 ... 30	10 ... 30	10 ... 30	10 ... 30
Operating current	[mA]	200	200	200	200
Switching frequency	[Hz]	150	150	150	150
Idle current / residual current	[mA]	20 / -	20 / -	20 / -	20 / -
Line voltage drop	[V]	3	3	3	3
Short circuit protection		clocking	clocking	clocking	clocking
Inverse polarity protection		yes	yes	yes	yes
Indication	output signal	Multi-hole LED yellow	Multi-hole LED yellow	LED yellow	LED yellow
	voltage	-	-	-	-
Operating temperature range	[°C]	-25 ... 70	-25 ... 70	-25 ... 70	-25 ... 70
In compliance with		EN 60947-5-2	EN 60947-5-2	EN 60947-5-2	EN 60947-5-2
Protection class acc. to ICE 60529		IP 67	IP 67	IP 67	IP 67
Connection type		Connector M12	Connector M12	Connector M12	Connector M12
Conductor diameter		-	-	-	-
Housing material		PBT (Crastin)	PBT (Crastin)	PBT (Crastin)	PBT (Crastin)
Front face		PBT (Crastin)	PBT (Crastin)	PBT (Crastin)	PBT (Crastin)
Drawing No.		CV150006	CV150006	CV150007	CV150007

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Output signals

Dimensions in mm

