

# Technical data & Approximate dimensions

## Inductive sensors, M 8 x 1 thread



### Inductive Sensors, with thread M 8 x 1

Operating distance $S_n$ , mounting		1.5 mm flush	1.5 mm flush	1.5 mm flush
PNP	NO	SIF1,5-M8N-V2-PO	SIF1,5-M8S-U2-PO	SIF1,5-M8S-C1-PO
	NC			
	Antivalent			
NPN	NO	SIF1,5-M8N-V2-NO		
	Antivalent			
DC 2-wire	NO			
AC	NO			
	NC			
	Antivalent			
Switching distance	[mm]	0 ... 1.215	0 ... 1.215	0 ... 1.215
Reduction factor	$r_{V2A}$	0.75	0.7	0.75
	$r_{AL}$	0.45	0.25	0.45
	$r_{Cu}$	0.35	0.2	0.35
Operating voltage	[V]	10 ... 30	10 ... 60	10 ... 30
Operating current	[mA]	100	100	100
Switching frequency	[Hz]	1500	500	1500
Idle current / residual current	[mA]	15	15	15
Line voltage drop	[V]	3	3	3
Short circuit protection		clocking	clocking	clocking
Inverse polarity protection		yes	yes	yes
Indication	output signal	LED yellow	LED yellow	LED yellow
	voltage	-	-	-
Operating temperature range	[°C]	-25 ... 70	-25 ... 70	-25 ... 70
In compliance with		EN60947-5-2	EN60947-5-2	EN60947-5-2
Protection class acc. to IEC 60529		IP67	IP67	IP67
Connection type		2 m, PVC-cable	2 m, PUR-cable	Connector M12
Conductor diameter		0,14 mm <sup>2</sup>	0,14 mm <sup>2</sup>	-
Housing material		nickel-plated brass	stainless steel	nickel-plated brass
Front face		PBT (Crastin)	PBT (Crastin)	PBT (Crastin)
Drawing No.		FZ015013	FZ015015	FZ015009

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### Output signals

### Dimensions in mm

