







inductive

Standard

		AH	AE	AM	AK
dimensions		ø 6.5 mm	M8	M12	M18
standard shielded		1.5 mm	1.5 mm	2 mm	5 mm
standard unshielded		2.5 mm	2.5 mm	4 mm	8 mm
long distance shielded		2 mm	2 mm	4 mm	8 mm
long distance unshielded		4 mm	4 mm	8 mm	12 mm
standard housing		•	•	•	•
short housing		•	•	•	—
miniaturized housing		—	—	—	—
power supply	Vdc	•	•	•	•
	Vac	—	—	—	—
output type	NPN - NO	•	•	•	•
	NPN - NC	•	•	•	•
	PNP - NO	•	•	•	•
	PNP - NC	•	•	•	•
	PNP - NO + NC	—	—	—	—
	NPN - NO + NC	—	—	—	—
	DECOUT®	—	—	—	—
	SCR	—	—	—	—
	0...10 V	—	—	—	—
4...20 mA	—	—	—	—	
temperature range		-25°C...+70°C	-25°C...+70°C	-25°C...+70°C	-25°C...+70°C
protection degree		IP67	IP67	IP67	IP67
housing material		stainless steel	nickel plated brass	nickel plated brass	nickel plated brass
active head material		PBT	PBT	PBT	PBT
output	cable	•	•	•	•
	M8 plug	•	•	•	—
	M12 plug	•	•	•	•
ATEX		II3GD	II3GD	II3GD	II3GD
other certifications					

DECOUT [®] NPN/PNP - NO/NC			
AT	PM3	PK3	
			
M30	M12	M18	
10 mm	2 mm	5 mm	
15 mm	4 mm	8 mm	
15 mm	—	—	
20 mm	—	—	
●	●	●	
—	—	—	
—	—	—	
●	●	●	
—	—	—	
●	—	—	
●	—	—	
●	—	—	
●	—	—	
●	—	—	
—	—	—	
—	●	●	
—	—	—	
—	—	—	
—	—	—	
-25°C...+70°C	-25°C...+70°C	-25°C...+70°C	
IP67	IP67	IP67	
nickel plated brass	nickel plated brass	nickel plated brass	
PBT	PBT	PBT	
●	●	●	
—	●	—	
●	●	●	
II3GD	II3GD	II3GD	
	CE	CE	