

# AA1

## Miniature Cylindrical Inductive Sensor



### Key Features

- Ultra-miniaturised inductive sensors Ø3mm
- IP65 protection rating
- Metal housing
- 2m PUR cable exit
- 10-30VDC
- CE, UL and cUL approved



### AA1 Series Selection

	Output Type	Output Logic	Sensing Distance	Exit
AA1/AN-1A	Normally Open (NO)	NPN	0.6mm	Standard Cable Exit
AA1/AN-1F				Plug Exit M8
AA1/AN-3A			1.0mm	Standard Cable Exit
AA1/AN-3F				Plug Exit M8
AA1/AP-1A		PNP	0.6mm	Standard Cable Exit
AA1/AP-1F				Plug Exit M8
AA1/AP-3A			1.0mm	Standard Cable Exit
AA1/AP-3F				Plug Exit M8
AA1/CN-1A	Normally Closed (NC)	NPN	0.6mm	Standard Cable Exit
AA1/CN-1F				Plug Exit M8
AA1/CP-1A		PNP		Standard Cable Exit
AA1/CP-1F				Plug Exit M8

# AC1

## Miniature 3-Wire DC Inductive Sensor



### Key Features

- Ultra-small diameter - Ø4mm
- LED status indicator
- Stainless steel housing
- IP67 protection rating
- Short circuit & over voltage protection



### AC1 Series Selection

	Output Type	Output Logic	Shielded	Sensing Distance	Exit	
AC1/AN-1A	Normally Open (NO)	NPN	Standard	0.8mm	Standard Cable Exit	
AC1/AN-1F			Long Distance		1.5mm	Plug Exit M8
AC1/AN-3A				Standard Cable Exit		
AC1/AN-3F		PNP		Standard	0.8mm	Standard Cable Exit
AC1/AP-1A			Long Distance	1.5mm		Plug Exit M8
AC1/AP-1F					Standard Cable Exit	
AC1/AP-3A	Normally Closed (NC)	NPN		Standard	0.8mm	Standard Cable Exit
AC1/AP-3F			Long Distance			1.5mm
AC1/CN-1A				PNP	Standard	
AC1/CN-1F	Long Distance	1.5mm				Plug Exit M8
AC1/CP-1A			Standard Cable Exit			
AC1/CP-1F						Plug Exit M8

# AD1

## Miniature 3-Wire DC Inductive Sensor



### Key Features

- Ø5mm x 25mm
- LED status indicator
- Stainless steel housing
- High switching speed: 7kHz
- Cable exit & plug-in types available



### AD1 Series Selection

	Output Type	Output Logic	Shielded	Sensing Distance	Exit	
AD1/AN-1A	Normally Open (NO)	NPN	Standard	0.8mm	Standard Cable Exit	
AD1/AN-1F					Long Distance	1.5mm
AD1/AN-3A			Standard Cable Exit			
AD1/AN-3F		PNP	Standard	0.8mm		Standard Cable Exit
AD1/AP-1A			Long Distance		1.5mm	Plug Exit M8
AD1/AP-1F				Standard Cable Exit		
AD1/AP-3A	Normally Closed (NC)	NPN		Standard	0.8mm	Standard Cable Exit
AD1/AP-3F			Long Distance			1.5mm
AD1/CN-1A				PNP	Standard	
AD1/CN-1F	Long Distance	1.5mm				Plug Exit M8
AD1/CN-3A			Long Distance			1.5mm
AD1/CN-3F		PNP		Standard	0.8mm	
AD1/CP-1A	Long Distance					1.5mm
AD1/CP-1F			Long Distance			
AD1/CP-3A		Long Distance		1.5mm	Standard Cable Exit	
AD1/CP-3F	Long Distance				1.5mm	Plug Exit M8