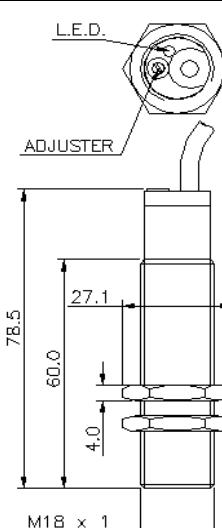
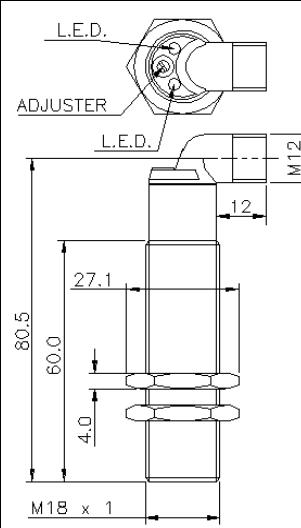
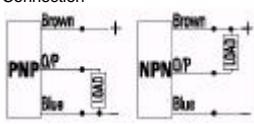
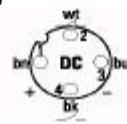
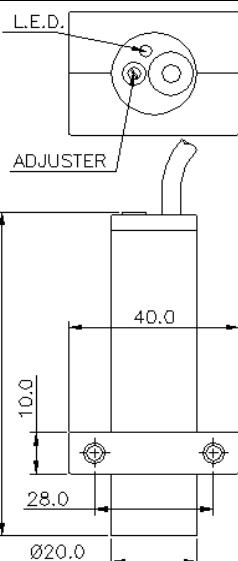
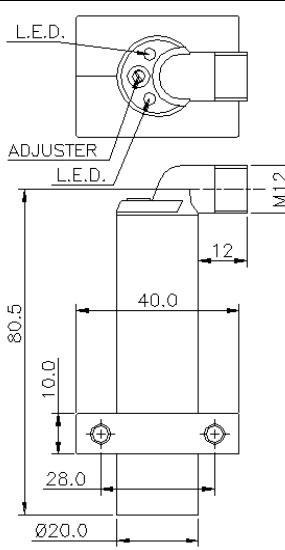
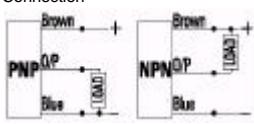
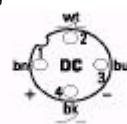
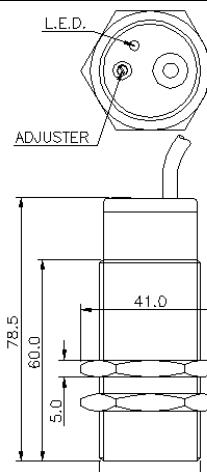
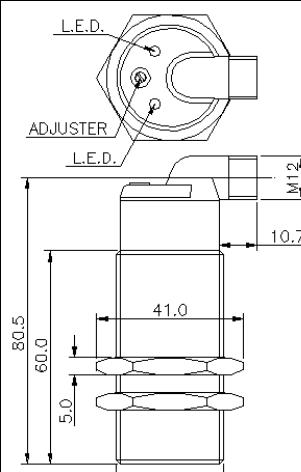
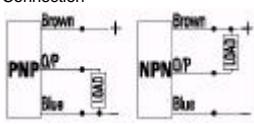
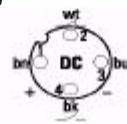
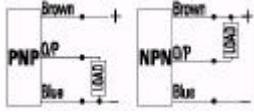
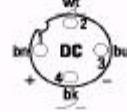


	M18 Cable	M18 Plug
<b>Capacitive Sensors DC</b>		
PNP NO (make function)	CPO010VCSN	CPO010VCTN
PNP NC (break function)	CPC010VCSN	CPC010VCTN
NPN NO (make function)	CNO010VCSN	CNO010VCTN
NPN NC (break function)	CNC010VCSN	CNC010VCTN
Sensing range nom. Sn	Sn mm	0-10mm non-embeddable
Mounting application		0-10mm non-embeddable
Rated Operational Voltage	Ue V	10-30VDC
Rated insulation voltage	Ui V	30VDC
Rated Operational Current	Ie mA	250mA
Utilisation category		DC13
IP Code (protection class)		IP67
Pollution degree		3
Repeat Accuracy	R %Sr	<10%
Differential Travel	H %Sr	<20%
Frequency of operating cycles	f Hz	200Hz
Time delay before availability	tv ms	25ms
Minimum operational current	Im mA	<0.1mA
Off state current	Ir mA	<10µA
No-load supply current d/un	Io mA	<9mA
Voltage Drop	Ud V	<2.5V
LED Function Display		Yes
LED Power on Display		No
Inrush Current typ		1.5A
Short circuit protection		Yes (see note 1)
Reverse Polarity Protection		Yes
Operating Temperature (see note 2)		-25 to +70°C
Housing Material		GRP
Connection		3m 3w pvc cable
		
Recommended Connector		BR1AD02V4
Notes		
(1) Short Circuit protection		The sensors can withstand short circuit currents of up to 100A.
(2) Operating temperature		The sensor will operate to 100°C but Sr may vary by >20%
Electromagnetic compatibility		Radiated electromagnetic field immunity to IEC61000-4-3 Electrostatic discharge (ESD) immunity to IEC61000-4-2 Fast transient immunity to IEC61000-4-4 Emission limits to CISPR11
Compliant to EN60947-5-2		

	20mm Cable	20mm Plug
<b>Capacitive Sensors DC</b>		
PNP NO (make function)	CPO012VESN	CPO012VETN
PNP NC (break function)	CPC012VESN	CPC012VETN
NPN NO (make function)	CNO012VESN	CNO012VETN
NPN NC (break function)	CNC012VESN	CNC012VETN
Sensing range nom. Sn	Sn mm	0-12mm
Mounting application		non-embeddable
Rated Operational Voltage	Ue V	10-30VDC
Rated insulation voltage	Ui V	30VDC
Rated Operational Current	Ie mA	250mA
Utilisation category		DC13
IP Code (protection class)		IP67
Pollution degree		3
Repeat Accuracy	R %Sr	<10%
Differential Travel	H %Sr	<20%
Frequency of operating cycles	f Hz	150Hz
Time delay before availability	tv ms	25ms
Minimum operational current	Im mA	<0.1mA
Off state current	Ir mA	<10µA
No-load supply current d/un	Io mA	<9mA
Voltage Drop	Ud V	<2.5V
LED Function Display		Yes
LED Power on Display		No
Inrush Current typ		1.5A
Short circuit protection		Yes (see note 1)
Reverse Polarity Protection		Yes
Operating Temperature (see note 2)		-25 to +70°C
Housing Material		GRP
Connection		3m 3w pvc cable
		
Recommended Connector		BR1AD02V4
Notes		
(1) Short Circuit protection	The sensors can withstand short circuit currents of up to 100A.	
(2) Operating temperature	The sensor will operate to 100°C but Sr may vary by >20%	
Electromagnetic compatibility	Radiated electromagnetic field immunity to IEC61000-4-3 Electrostatic discharge (ESD) immunity to IEC61000-4-2 Fast transient immunity to IEC61000-4-4 Emission limits to CISPR11	
Compliant to EN60947-5-2		

	M30 Cable	M30 Plug
<b>Capacitive Sensors DC</b>		
PNP NO (make function)	CPO020VDSN	CPO020VDTN
PNP NC (break function)	CPC020VDSN	CPC020VDTN
NPN NO (make function)	CNO020VDSN	CNO020VDTN
NPN NC (break function)	CNC020VDSN	CNC020VDTN
Sensing range nom. Sn	Sn mm	0-20mm non-embeddable
Mounting application		0-20mm non-embeddable
Rated Operational Voltage	Ue V	10-30VDC
Rated insulation voltage	Ui V	30VDC
Rated Operational Current	Ie mA	250mA
Utilisation category		DC13
IP Code (protection class)		IP67
Pollution degree		3
Repeat Accuracy	R %Sr	<10%
Differential Travel	H %Sr	<20%
Frequency of operating cycles	f Hz	100Hz
Time delay before availability	tv ms	25ms
Minimum operational current	Im mA	<0.1mA
Off state current	Ir mA	<10µA
No-load supply current d/un	Io mA	<9mA
Voltage Drop	Ud V	<2.5V
LED Function Display		Yes
LED Power on Display		No
Inrush Current typ		1.5A
Short circuit protection		Yes (see note 1)
Reverse Polarity Protection		Yes
Operating Temperature (see note 2)		-25 to +70°C
Housing Material		GRP
Connection		3m 3w pvc cable
		
Recommended Connector		BR1AD02V4
Notes		
(1) Short Circuit protection		The sensors can withstand short circuit currents of up to 100A.
(2) Operating temperature		The sensor will operate to 100°C but Sr may vary by >20%
Electromagnetic compatibility		Radiated electromagnetic field immunity to IEC61000-4-3 Electrostatic discharge (ESD) immunity to IEC61000-4-2 Fast transient immunity to IEC61000-4-4 Emission limits to CISPR11
Compliant to EN60947-5-2		

	34mm Cable		34mm Plug	
<b>Capacitive Sensors DC</b>				
PNP NO (make function)	CPO040VFSN		CPO040VFTN	
PNP NC (break function)	CPC040VFSN		CPC040VFTN	
NPN NO (make function)	CNO040VFSN		CNO040VFTN	
NPN NC (break function)	CNC040VFSN		CNC040VFTN	
Sensing range nom. Sn	Sn mm	0-40mm non-embeddable	0-40mm non-embeddable	
Mounting application				
Rated Operational Voltage	Ue V	10-30VDC	10-30VDC	
Rated insulation voltage	Ui V	30VDC	30VDC	
Rated Operational Current	Ie mA	250mA	250mA	
Utilisation category		DC13	DC13	
IP Code (protection class)		IP67	IP67	
Pollution degree		3	3	
Repeat Accuracy	R %Sr	<10%	<10%	
Differential Travel	H %Sr	<20%	<20%	
Frequency of operating cycles	f Hz	20Hz	20Hz	
Time delay before availability	tv ms	25ms	25ms	
Minimum operational current	Im mA	<0.1mA	<0.1mA	
Off state current	Ir mA	<10µA	<10µA	
No-load supply current d/un	Io mA	<9mA	<11mA	
Voltage Drop	Ud V	<2.5V	<2.5V	
LED Function Display		Yes	Yes	
LED Power on Display		No	Yes	
Inrush Current typ		1.5A	1.5A	
Short circuit protection		Yes (see note 1)	Yes (see note 1)	
Reverse Polarity Protection		Yes	Yes	
Operating Temperature (see note 2)		-25 to +70°C	-25 to +70°C	
Housing Material		GRP	GRP	
Connection		3m 3w pvc cable	4pin M12 plug	
				
Recommended Connector			BR1AD02V4	
Notes				
(1) Short Circuit protection		The sensors can withstand short circuit currents of up to 100A.		
(2) Operating temperature		The sensor will operate to 100°C but Sr may vary by >20%		
Electromagnetic compatibility		Radiated electromagnetic field immunity to IEC61000-4-3 Electrostatic discharge (ESD) immunity to IEC61000-4-2 Fast transient immunity to IEC61000-4-4 Emission limits to CISPR11		
Compliant to EN60947-5-2				