

2009

MAY

ADVFIT
AUTOMATION



















SANIL Sensors Product Catalogue












DC 3-wire type proximity switches

High-frequency proximity switches foot formation

- tiny mold type of proximity sensors ($\Phi 4$, M5)
- Universal type of proximity sensor matrix (M8, M12, M18, M30)
- All types of Application complete response (NPN, PNP, NO, NC)
- 2kHz of the fast response speed ($\Phi 4$, M5, M8, M12)
- short circuit, reverse connection, built-in surge protection circuit
- visit, highly protected domestic market structure, the adoption, I realized the model IP 67.
- the length of the various cases - Standard, Long, Short type

Model	Diameter	Sn(mm)	Shield/Non-shield	Connection	Power	Picture
SD-4RS	Φ4	0.8	Shield	Cable	DC 10-30V	
SD-5MS	M5	0.8mm	Shield	Cable	DC 10-30V	
SD-5MSZ	M5	0.8mm	Shield	Cable	DC 10-30V	
SC-8MS-LS	M8	1.5mm	Shield	Connector	DC 10-30V	
SC-8M-LS	M8	2mm	Non-shield	Connector	DC 10-30V	
SC-8MS	M8	1.5mm	Shield	Connector	DC 10-30V	
SC-8M	M8	2mm	Non-shield	Connector	DC 10-30V	
SD-8MS	M8	1.5mm	Shield	Cable	DC 10-30V	
SD-8M	M8	4mm	Non-shield	Cable	DC 10-30V	
SD-8MS-L45	M8	1.5mm	Shield	Cable	DC 10-30V	
SD-8M-L45	M8	2mm	Non-shield	Cable	DC 10-30V	
SC-12MS-LS	M12	2mm	Shield	Connector	DC 10-30V	
SC-12M-LS	M12	4mm	Non-shield	Connector	DC 10-30V	
SC-12MS	M12	2mm	Shield	Connector	DC 10-30V	
SC-12M	M12	4mm	Non-shield	Connector	DC 10-30V	
SD-12MS-LS	M12	2mm	Shield	Cable	DC 10-30V	
SD-12M-LS	M12	4mm	Non-shield	Cable	DC 10-30V	
SD-12MS	M12	2mm	Shield	Cable	DC 10-30V	

SD-12M	M12	4mm	Non-sheild	Cable	DC 10-30V	
SC-18MS-LS	M18	5mm	Sheild	Connector	DC 10-30V	
SC-18M-LS	M18	8mm	Non-sheild	Connector	DC 10-30V	
SC-18MS	M18	5mm	Sheild	Connector	DC 10-30V	
SC-18M	M18	8mm	Non-sheild	Connector	DC 10-30V	
SD-18MS-LS	M18	5mm	Sheild	Cable	DC 10-30V	
SD-18M-LS	M18	8mm	Non-sheild	Cable	DC 10-30V	
SD-18MS	M18	5mm	Sheild	Cable	DC 10-30V	
SD-18M	M18	8mm	Non-sheild	Cable	DC 10-30V	
SC-30MS-LS	M30	10mm	Sheild	Connector	DC 10-30V	
SC-30M-LS	M30	15mm	Non-sheild	Connector	DC 10-30V	
SC-30MS	M30	10mm	Sheild	Connector	DC 10-30V	
SC-30M	M30	15mm	Non-sheild	Connector	DC 10-30V	
SD-30MS-LS	M30	10mm	Sheild	Cable	DC 10-30V	
SD-30M-LS	M30	15mm	Non-sheild	Cable	DC 10-30V	
SD-30MS	M30	10mm	Sheild	Cable	DC 10-30V	
SD-30M	M30	15mm	Non-sheild	Cable	DC 10-30V	










DC 3-wire proximity switches (long-distance type)



High-frequency oscillation type proximity switch

- long-range (2 times) detected the realization
- 2kHz fast response speed of
- Rated voltage DC 10 ~ 30V
- paragraph, the Power Station, built-in protection circuit connection
- visit, excellent water resistance protection structure adopted, I realized the model IP 67



SC – Series Technical Support e-mail: steven@advfit.com

Model	Diameter	Sn(mm)	Shield/Non-shield	Connection	Power	Picture
SC-8MS-02	M8	2mm	Shield	Connector	DC 10-30V	
SC-8M-04	M8	4mm	Non-shield	Connector	DC 10-30V	
SD-8MS-02L45	M8	2mm	Shield	Cable	DC 10-30V	
SD-8M-04L45	M8	4mm	Non-shield	Cable	DC 10-30V	
SC-12MS-04LS	M12	4mm	Shield	Connector	DC 10-30V	
SC-12M-08LS	M12	8mm	Non-shield	Connector	DC 10-30V	
SC-12MS-04	M12	4mm	Shield	Connector	DC 10-30V	

SC-12M-08	M12	8mm	Non-sheild	Connector	DC 10-30V	
SD-12MS-04LS	M12	4mm	Sheild	Cable	DC 10-30V	
SD-12M-08LS	M12	8mm	Non-sheild	Cable	DC 10-30V	
SD-12MS-04	M12	4mm	Sheild	Cable	DC 10-30V	
SD-12M-08	M12	8mm	Non-sheild	Cable	DC 10-30V	
SC-18MS-08LS	M30	8mm	Sheild	Connector	DC 10-30V	
SC-18M-16LS	M18	16mm	Non-sheild	Connector	DC 10-30V	
SC-18MS-08	M18	8mm	Sheild	Connector	DC 10-30V	
SC-18M-16	M18	16mm	Non-sheild	Connector	DC 10-30V	
SD-18MS-08LS	M18	8mm	Sheild	Cable	DC 10-30V	
SD-18M-16LS	M18	16mm	Non-sheild	Cable	DC 10-30V	
SD-18MS-08	M18	8mm	Sheild	Cable	DC 10-30V	
SD-18M-16	M18	16mm	Non-sheild	Cable	DC 10-30V	
SC-30MS-16LS	M30	16mm	Sheild	Connector	DC 10-30V	
SC-30M-25LS	M30	25mm	Non-sheild	Connector	DC 10-30V	
SC-30MS-16	M30	16mm	Sheild	Connector	DC 10-30V	
SC-30M-25	M30	25mm	Non-sheild	Connector	DC 10-30V	
SD-30MS-16LS	M30	16mm	Sheild	Cable	DC 10-30V	
SD-30M-25LS	M30	25mm	Non-sheild	Cable	DC 10-30V	
SD-30MS-16	M30	16mm	Sheild	Cable	DC 10-30V	
SD-30M-25	M30	25mm	Non-sheild	Cable	DC 10-30V	





























DC 2-wire proximity switches

High-frequency oscillation type proximity switch

- 2kHz fast response speed of
- Rated voltage DC 10 ~ 60V
- paragraphs, the power protection circuit built-in type.
- visit, excellent water resistance protection structure adopted, Rating IP 67

Technical Support e-mail: steven@advfit.com

Model	Diameter	Sn(mm)	Shield/Non-shield	Connection	Power	Picture
SC-8MSK	M8	1.5mm	Shield	Connector	DC 10-60V	
SC-8MK	M8	2mm	Non-shield	Connector	DC 10-60V	
SC-12MSK-LS	M12	2mm	Shield	Connector	DC 10-60V	
SC-12MK-LS	M12	4mm	Non-shield	Connector	DC 10-60V	
SC-12MSK	M12	2mm	Shield	Connector	DC 10-60V	
SC-12MK	M12	4mm	Non-shield	Connector	DC 10-60V	
SD-12MSK-LS	M12	2mm	Shield	Cable	DC 10-60V	
SD-12MK-LS	M12	4mm	Non-shield	Cable	DC 10-60V	

SD-12MSK	M12	2mm	Shield	Cable	DC 10-60V	
SD-12MK	M12	4mm	Non-shield	Cable	DC 10-60V	
SC-18MSK-LS	M18	5mm	Shield	Connector	DC 10-60V	
SC-18MK-LS	M18	8mm	Non-shield	Connector	DC 10-60V	
SC-18MSK	M18	5mm	Shield	Connector	DC 10-60V	
SC-18MK	M18	8mm	Non-shield	Connector	DC 10-60V	
SD-18MSK-LS	M18	5mm	Shield	Cable	DC 10-60V	
SD-18MK-LS	M18	8mm	Non-shield	Cable	DC 10-60V	
SD-18MSK	M18	5mm	Shield	Cable	DC 10-60V	
SD-18MK	M18	8mm	Non-shield	Cable	DC 10-60V	
SC-30MSK-LS	M30	10mm	Shield	Connector	DC 10-60V	
SC-30MK-LS	M30	15mm	Non-shield	Connector	DC 10-60V	
SC-30MSK	M30	10mm	Shield	Connector	DC 10-60V	
SC-30MK	M30	15mm	Non-shield	Connector	DC 10-60V	
SD-30MSK-LS	M30	10mm	Non-shield	Cable	DC 10-60V	
SD-30MK-LS	M30	15mm	Non-shield	Cable	DC 10-60V	
SD-30MSK	M30	10mm	Shield	Cable	DC 10-60V	
SD-30MK	M30	15mm	Non-shield	Cable	DC 10-60V	











DC 2-wire proximity switches original cast (long-distance type)

High-frequency baljinhyeong proximity switches

- long-range (2 times) detected the realization
- 2kHz fast response speed of
- Rated voltage DC 10 ~ 60V
- paragraphs, the power protection circuit built-in type.
- visit, excellent water resistance protection structure adopted, I realized the model IP 67



Technical Support e-mail: steven@advfit.com

Model	Diameter	Sn(mm)	Shield/Non-shield	Connection	Power	Picture
SC-12MSK-04	M12	4mm	Shield	Connector	DC 10-60V	
SC-12MK-08	M12	8mm	Non-shield	Connector	DC 10-60V	
SD-12MSK-04	M12	4mm	Shield	Cable	DC 10-60V	
SD-12MK-08	M12	8mm	Non-shield	Cable	DC 10-60V	
SC-18MSK-08LS	M18	8mm	Shield	Connector	DC 10-60V	
SC-18MK-16LS	M18	16mm	Non-shield	Connector	DC 10-60V	
SC-18MSK-08	M18	8mm	Shield	Connector	DC 10-60V	
SC-18MK-16	M18	16mm	Non-shield	Connector	DC 10-60V	

SD-18MSK-08LS	M18	8mm	Shield	Cable	DC 10-60V	
SD-18MK-16LS	M18	16mm	Non-shield	Cable	DC 10-60V	
SD-18MSK-08	M18	8mm	Shield	Cable	DC 10-60V	
SD-18MK-16	M18	16mm	Non-shield	Cable	DC 10-60V	

© 2009 Advfit Automation Sdn Bhd. All Right Reserved.

E-mail: sales@advfit.com



















DC 2-wire type Proximity switches (long-distance type)

High-Frequency Proximity Switches

- long-range (2 times) detected the realization
- 2kHz fast response speed of
- Rated voltage DC 10 ~ 60V
- paragraphs, the power protection circuit built-in Type.
- visit, excellent water resistance protection structure adopted, I realized the model IP 67



Model	Diameter	Sn(mm)	Shield/Non-shield	Connection	Power	Picture
SAC-12MS	M12	2mm	Shield	Connector	AC 20-250V	
SAC-12M	M12	4mm	Non-shield	Connector	AC 20-250V	
SA-12MS	M12	2mm	Shield	Cable	AC 20-250V	

SA-12M	M12	4mm	Non-shield	Cable	AC 20-250V	
SAC-18MS-LS	M18	5mm	Shield	Connector	AC 20-250V	
SAC-18M-LS	M18	8mm	Non-shield	Connector	AC 20-250V	
SAC-18MS	M18	5mm	Shield	Connector	AC 20-250V	
SAC-18M	M18	8mm	Non-shield	Connector	AC 20-250V	
SA-18MS-LS	M18	5mm	Shield	Cable	AC 20-250V	
SA-18M-LS	M18	8mm	Non-shield	Cable	AC 20-250V	
SA-18MS	M18	5mm	Shield	Cable	AC 20-250V	
SA-18M	M18	8mm	Non-shield	Cable	AC 20-250V	
SAC-30MS	M30	10mm	Shield	Connector	AC 20-250V	
SAC-30M	M30	15mm	Non-shield	Connector	AC 20-250V	
SA-30MS	M30	10mm	Shield	Cable	AC 20-250V	
SA-30M	M30	15mm	Non-shield	Cable	AC 20-250V	





© 2009 Advfit Automation Sdn Bhd. All Right Reserved.

E-mail: sales@advfit.com



DC 3-wire proximity switches tiny triangle Type
 High-frequency baljinhyeong proximity switches

- Ultra-small size (8 each, 10 each)
- All types of Application complete response (NPN, PNP, NO, NO)
- short circuit, reverse connection, built-in surge protection circuit
- Up to 300mA load with a direct opening
- 1kHz achieve the fast response speed
- visit, excellent water resistance protection structure adopted, I realized the model IP 67

 Technical Support e-mail: steven@advfit.com		Model	Diameter	Sn(mm)	Shield/Non-shield	Connection	Power	Picture
		SQ-8F-2.5DN	8 mm	2.5mm	Non-shield	Cable	DC 10-30V	
		SQ-8H-2.5DN	8 mm	2.5mm	Non-shield	Cable	DC 10-30V	
		SQ-10F-3DN	10 mm	3mm	Non-shield	Cable	DC 10-30V	









© 2009 Advfit Automation Sdn Bhd. All Right Reserved.

E-mail: sales@advfit.com



- Universal pentagon proximity switches (17 each, 30 each)
- All types of Application complete response (NPN, PNP, NO, NO)
- short circuit, reverse connection, built-in surge protection circuit
- Up to 300mA load with a direct opening
- 1kHz achieve the fast response speed
- visit, excellent water resistance protection structure adopted, I realized the model IP 67



Model	Diameter	Sn(mm)	Shield/Non-shield	Connection	Power	Picture
SD-17H-5DN	17	5mm	Non-shield	Cable	DC 10-30V	
SD-17H-8DN	17	8mm	Non-shield	Cable	DC 10-30V	
SD-17F-5DN	17	5mm	Non-shield	Cable	DC 10-30V	
SD-17F-8DN	17	8mm	Non-shield	Cable	DC 10-30V	
SD-30H-10DN	30	10mm	Non-shield	Cable	DC 10-30V	
SD-30H-15DN	30	15mm	Non-shield	Cable	DC 10-30V	
SD-30F-10DN	30	10mm	Non-shield	Cable	DC 10-30V	
SD-30F-15DN	30	15mm	Non-shield	Cable	DC 10-30V	

© 2009 Advfit Automation Sdn Bhd. All Right Reserved.

E-mail: sales@advfit.com



















DC 3-wire capacitance-type proximity switches

The only volume-type proximity switches

- metal, plastic, glass, paper, wood, liquid, powder, such as object detection with permittivity
- Adjust the volume sensitivity for the detection distance, built-in adjustment
- All types of Application complete response (NPN, PNP, NO, NC, AC, DC)
- a wide range of rated voltage (DC: 10 ~ 30V, AC: 20 ~ 250V)
- Up to 300mA load with a direct opening

- non-metal container inside a liquid, powder, and detection and level, position control
- paragraph, yeokjeopsok, built-in surge protection circuit
- visit, excellent water resistance protection structure adopted, I realized the model IP 67



Model	Diameter	Sn(mm)	Shield/Non-shield	Connection	Power	Picture
SKC-8MS	M8	1mm	Shield	Connector	DC 10-30V	
SKC-8M	M8	2mm	Non-shield	Connector	DC 10-30V	
SKD-8MS	M8	1mm	Shield	Cable	DC 10-30V	
SKD-8M	M8	2mm	Non-shield	Cable	DC 10-30V	
SKC-12MS-T	M12	1-3mm	Shield	Connector	DC 10-30V	
SKC-12M-T	M12	1-6mm	Non-shield	Connector	DC 10-30V	
SKC-12MS	M12	1-3mm	Shield	Connector	DC 10-30V	
SKC-12M	M12	1-6mm	Non-shield	Connector	DC 10-30V	
SKD-12MS-T	M12	1-3mm	Shield	Cable	DC 10-30V	
SKD-12M-T	M12	1-6mm	Non-shield	Cable	DC 10-30V	
SKD-12MS	M12	1-3mm	Shield	Cable	DC 10-30V	
SKD-12M	M12	1-6mm	Non-shield	Cable	DC 10-30V	
SKC-18MS-T	M18	2-8mm	Shield	Connector	DC 10-30V	
SKC-18M-T	M18	2-15mm	Non-shield	Connector	DC 10-30V	
SKC-18MS	M18	2-8mm	Shield	Connector	DC 10-30V	
SKC-18M	M18	2-15mm	Non-shield	Connector	DC 10-30V	

SKD-18MS-T	M18	2-8mm	Shield	Cable	DC 10-30V	
SKD-18M-T	M18	2-15mm	Non-shield	Cable	DC 10-30V	
SKD-18MS	M18	2-8mm	Shield	Cable	DC 10-30V	
SKD-18M	M18	2-15mm	Non-shield	Cable	DC 10-30V	
SKC-30MS-T	M30	2-20mm	Shield	Connector	DC 10-30V	
SKC-30M-T	M30	2-30mm	Non-shield	Connector	DC 10-30V	
SKC-30MS	M30	2-20mm	Shield	Connector	DC 10-30V	
SKC-30M	M30	2-30mm	Non-shield	Connector	DC 10-30V	
SKD-30MS-T	M30	2-20mm	Shield	Cable	DC 10-30V	
SKD-30M-T	M30	2-30mm	Non-shield	Cable	DC 10-30V	
SKD-30MS	M30	2-20mm	Shield	Cable	DC 10-30V	
SKD-30M	M30	2-30mm	Non-shield	Cable	DC 10-30V	
SKC-34RS-T	Φ34	2-25mm	Shield	Connector	DC 10-30V	
SKC-34R-T	Φ34	2-35mm	Non-shield	Connector	DC 10-30V	
SKD-34RS-T	Φ34	2-25mm	Shield	Cable	DC 10-30V	
SKD-34R-T	Φ34	2-35mm	Non-shield	Cable	DC 10-30V	



AC 2-wire capacitance-type proximity switches

Capacitance-type proximity switches

- metal, plastic, glass, paper, wood, liquid, powder, such as object detection with permittivity
- Adjust the volume sensitivity for the detection distance, built-in adjustment
- All types of Application complete response (NPN, PNP, NO, NC, AC, DC)
- a wide range of rated voltage (DC: 10 ~ 30V, AC: 20 ~ 250V)
- Up to 300mA load with a direct opening
- non-metal container inside a liquid, powder, and detection and level, position control
- short circuit, reverse connection, built-in surge protection circuit
- visit, excellent water resistance protection structure adopted, I realized the model IP 67

SANIL





Model	Diameter	Sn(mm)	Shield/Non-shield	Connection	Power	Picture
SKAC-18MS-T	M18	2-8mm	Shield	Connector	AC 20-250V	
SKAC-18M-T	M18	2-15mm	Non-shield	Connector	AC 20-250V	
SKAC-18MS	M18	2-8mm	Shield	Connector	AC 20-250V	
SKAC-18M	M18	2-15mm	Non-shield	Connector	AC 20-250V	
SKA-18MS-T	M18	2-8mm	Shield	Cable	AC 20-250V	
SKA-18M-T	M18	2-15mm	Non-shield	Cable	AC 20-250V	
SKA-18MS	M18	2-8mm	Shield	Cable	AC 20-250V	
SKA-18M	M18	2-15mm	Non-shield	Cable	AC 20-250V	
SKAC-30MS-T	M30	2-20mm	Shield	Connector	AC 20-250V	
SKAC-30M-T	M30	2-30mm	Non-shield	Connector	AC 20-250V	
SKAC-30MS	M30	2-20mm	Shield	Connector	AC 20-250V	
SKAC-30M	M30	2-30mm	Non-shield	Connector	AC 20-250V	
SKA-30MS-T	M30	2-20mm	Shield	Cable	AC 20-250V	
SKA-30M-T	M30	2-30mm	Non-shield	Cable	AC 20-250V	
SKA-30MS	M30	2-20mm	Shield	Cable	AC 20-250V	
SKA-30M	M30	2-30mm	Non-shield	Cable	AC 20-250V	
















DC 3-wire analog proximity switches

High-frequency oscillation type proximity switch

- Current output 4 ~ 20mA output
- RFI 3 V / m or more, EFT 1KV or more, ESD 4KV more
- Straight 5% within
- Built-in reverse connection protection circuit
- Superior protection structure, I realized the model IP 67




							
Model	Diameter	Sn(mm)	Shield/Non-shield	Connection	Power	Picture	
SC-8MS-AC	M8	0.1-1.5mm	Shield	Connector	DC 18-30V		
SD-8MS-AC	M8	0.1-1.5mm	Shield	Cable	DC 18-30V		
SC-8M-AC	M8	0.1-2.5mm	Non-shield	Connector	DC 18-30V		

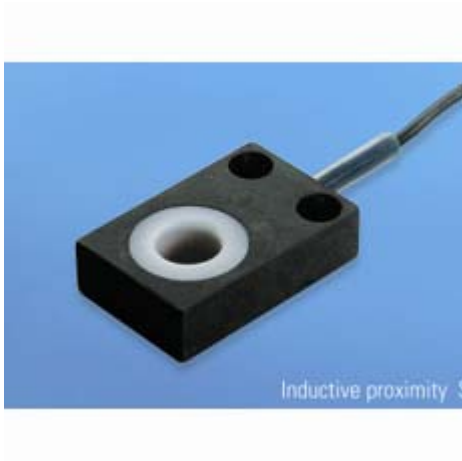
SD-8M-AC	M8	0.1-2.5mm	Non-sheild	Cable	DC 18-30V	
SC-12MS-AC	M12	0.1-3.0mm	Sheild	Connector	DC 18-30V	
SD-12MS-AC	M12	0.1-3.0mm	Sheild	Cable	DC 18-30V	
SC-12M-AC	M12	0.1-4.0mm	Non-sheild	Connector	DC 18-30V	
SD-12M-AC	M12	0.1-4.0mm	Non-sheild	Cable	DC 18-30V	
SC-18MS-AC	M18	1-4.0mm	Sheild	Connector	DC 18-30V	
SD-18MS-AC	M18	1-4.0mm	Sheild	Cable	DC 18-30V	
SC-18M-AC	M18	1-7.0mm	Non-sheild	Connector	DC 18-30V	
SD-18M-AC	M18	1-7.0mm	Non-sheild	Cable	DC 18-30V	
SC-30MS-AC	M30	5-10mm	Sheild	Connector	DC 18-30V	
SD-30MS-AC	M30	5-10mm	Sheild	Cable	DC 18-30V	
SC-30M-AC	M30	7-14mm	Non-sheild	Connector	DC 18-30V	
SD-30M-AC	M30	7-14mm	Non-sheild	Cable	DC 18-30V	



Detachable Amplifier proximity switches




- Pass the sensor head (SP-01 only the head)
- Detachable empeu proximity switches (SP-02 only the head)
- 3 Built-in variable-volume continuous rotation
- Power Station access, surge absorption, built-in overcurrent protection circuit
- NO, NC conversion switch behavior


		<h3>SP Series</h3>					
Model	Sn(mm)	Type	Output	Connection	Power	Picture	
SP-01	-	Amp	NPN	Cable : 2m	DC 12-24V		
SP-02	-	Amp	NPN	Cable : 2m	DC 12-24V		



Amplifier Detachable sensor head through

■ Pass the sensor head (SP-01-only Head)

		SP-□□H Series					
Model	Detecting target	Hole size/ Diameter	Shielded / Non- Shielded	Connection	Power	Picture	
SP-5H	Φ0.2 wire, Φ1.5 measures	Φ5	Non- Shielded	Cable : 2m	-		
SP-10H	Φ0.3 wire, Φ2 measures	Φ10	Non- Shielded	Cable : 2m	-		
SP-15H	Φ0.5 wire, Φ2.5 measures	Φ15	Non- Shielded	Cable : 2m	-		
SP-20H	Φ0.5 wire, Φ4 measures	Φ20	Non- Shielded	Cable : 2m	-		
SP-30H	Φ1 wire, Φ5 measures	Φ30	Non- Shielded	Cable : 2m	-		

SP-50H	Φ10 wire, Φ10 measures	Φ50	Non- Shielded	Cable : 2m	-	
--------	---------------------------------	-----	------------------	------------	---	---







© 2009 Advfit Automation Sdn Bhd. All Right Reserved.

E-mail: sales@advfit.com



Detachable Head Amplifier proximity switches

■ Detachable Amplifier proximity switches (SP-02 only the head)

		SP-□□MS Series					
Model	Diameter	Sn(mm)	Shield/Non- Shield	Connection	Power	Picture	
SP-12MS	M12	4mm	Shield	Cable : 2m	-		
SP-18MS	M18	8mm	Shield	Cable : 2m	-		
SP-30MS	M30	12mm	Shield	Cable : 2m	-		
SPH-18MS	M18	8mm	Shield	Cable : 3.5m	-		
SPH-30MS	M30	12mm	Shield	Cable : 3.5m	-		

© 2009 Advfit Automation Sdn Bhd. All Right Reserved.

E-mail: sales@advfit.com





Miniature Photoelectric Sensors

- Built-in amplifier, a tiny photo sensor
- Detection distance: 500mm, 200mm
- Small size (11mm × 16.5mm × 7mm)
- $\Phi 2$ objects with a minimum detection





SB-16 Series

Model	Sn	Type	Output	Connection	Power	Picture
SB-16	500mm	Thru beam	NPN/PNP	Cable : 1m	DC 12-24V	
SB-16-2	200mm	Thru beam	NPN/PNP	Cable : 1m	DC 12-24V	



Flat Photoelectric Sensors

- Built-in Amplifier
- Thickness: 7.5mm
- Detection distance: 1.5mm
- Ambient Light (solar): 100,000 lx
- protection rating: IP 67

		SB-20 Series					
Model	Sn	Type	Output	Connection	Power	Picture	
SB-21	1.5m	Thru beam	NPN/PNP	Cable : 2m	DC 12-24V		

© 2009 Advfit Automation Sdn Bhd. All Right Reserved.

E-mail: sales@advfit.com



















Compact Photoelectric Sensor

- Built-in Amplifier Compact Photoelectric Sensors sensor
- Universal type for all the Application Response
- overcurrent protection circuit, connect the power station built-in protection circuitry



SB-30 Series

Model	Sn	Type	Output	Connection	Power	Picture
SB-31	5m	Thru beam	NPN/PNP	Cable : 2m	DC 12-24V	
SB-31-10	10m	Thru beam	NPN/PNP	Cable : 2m	DC 12-24V	
SB-31R	5m	Thru beam	NPN/PNP	Cable : 2m	DC 12-24V	
SB-31L	5m	Thru beam	Mos Relay	Cable : 2m	DC 12-24V	
SB-32	500mm	Reflective	NPN/PNP	Cable : 2m	DC 12-24V	
SB-32-2	150mm	Reflective	NPN/PNP	Cable : 2m	DC 12-24V	
SB-32-7L	700mm	Reflective	NPN/PNP	Cable : 2m	DC 12-24V	
SB-32B	20mm	Limited reflective	NPN	Cable : 2m	DC 12-24V	

SB-32B-3	30mm	Reflective	NPN	Cable : 2m	DC 12-24V	
SB-32B-5	50mm	Reflective	NPN	Cable : 2m	DC 12-24V	
SB-32S	100mm	Reflective	NPN	Cable : 2m	DC 12-24V	
SB-32WS	150mm	Reflective	NPN	Cable : 2m	DC 12-24V	
SB-32W	300mm	Reflective	NPN	Cable : 2m	DC 12-24V	
SB-32M	2m	Retro-Reflective	NPN	Cable : 2m	DC 12-24V	
SB-32MV	1m	Retro-Reflective	NPN	Cable : 2m	DC 12-24V	
SB-32MR	1m	Retro-Reflective	NPN	Cable : 2m	DC 12-24V	

© 2009 Advfit Automation Sdn Bhd. All Right Reserved.

E-mail: sales@advfit.com



Self Power built-in photoelectric sensor

- Built-in power circuit-free (DC 24 ~ 240V, AC 24 ~ 240V)
- long-range detection: up to 25m

		SB-50 Series					
Model	Sn(mm)	Type	Output	Connection	Power	Picture	
SB-51	10m	Thru Beam	Relay	Cable : 2m	DC 24-240V, AC 24-240V		
SB-51-3	25m	Thru Beam	Relay	Cable : 2m	DC 24-240V, AC 24-240V		
SB-51V	10m	Thru Beam (Polarization Filter Type)	Relay	Cable : 2m	DC 24-240V, AC 24-240V		
SB-51V-3	25m	Thru Beam (Polarization Filter Type)	Relay	Cable : 2m	DC 24-240V, AC 24-240V		
SB-52	700mm	Reflective	Relay	Cable : 2m	DC 24-240V, AC 24-240V		
SB-52M	5m	Retro-reflective	Relay	Cable : 2m	DC 24-240V, AC 24-		

240V

SB-52MV

3m

Retro-reflective
(Polarization
Filter Type)

Relay

Cable : 2m

DC 24-
240V,
AC 24-
240V



SB-52MR-8

8m

Retro-reflective

Relay

Cable : 2m

DC 24-
240V,
AC 24-
240V







© 2009 Advfit Automation Sdn Bhd. All Right Reserved.

E-mail: sales@advfit.com



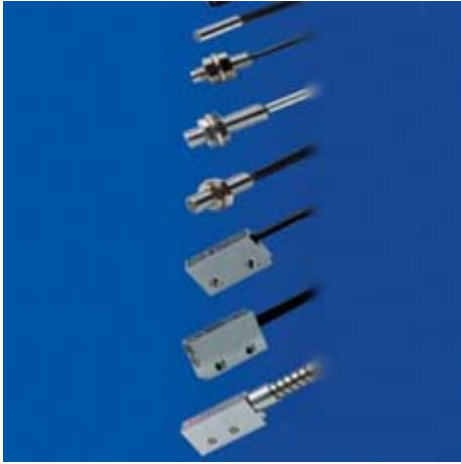
Photoelectric sensor detachable Amplifier

- Detachable Amplifier Photo Sensors
- space in the accurate detection of small
- various types of head
- Color contrast can be detected

		SB-99 Series					
Model	Sn	Type	Output	Connection	Power	Picture	
SB-99	-	Amp	NPN/PNP	Cable : 2m	DC 12-24V		
SB-99I	-	Amp	NPN/PNP	Cable : 2m	DC 12-24V		
SB-99N	-	Amp	NPN/PNP	Cable : 2m	DC 12-24V		










© 2009 Advfit Automation Sdn Bhd. All Right Reserved.











E-mail: sales@advfit.com



Photoelectric detachable sensor head

- Detachable Amplifier Photo Sensors
- space in the accurate detection of small
- various types of head
- Color contrast can be detected

		BT Series, BR Series					
Model	Sn(mm)	Type	Output	Connection	Power	Picture	
BT-17	100mm	Thru Beam	-	Cable : 2m	-		
BT-17-7	700mm	Thru Beam	-	Cable : 2m	-		
BT-5M	100mm	Thru Beam	-	Cable : 2m	-		
BT-5M-7	700mm	Thru Beam	-	Cable : 2m	-		
BT-12	300mm	Thru Beam	-	Cable : 2m	-		
BT-12G	300mm	Thru Beam	-	Cable : 2m	-		
BT-12F	300mm	Thru Beam	-	Cable : 2m	-		
BT-8M	5m	Thru Beam	-	Cable : 2m	-		

BTH-30	5m	Thru Beam	-	Cable : 2m	-	
BR-5S	30mm	Reflective	-	Cable : 2m	-	
BR-6M	30mm	Reflective	-	Cable : 2m	-	
BR-20RN	100mm	Reflective	-	Cable : 2m	-	
BR-20RW	100mm	Reflective	-	Cable : 2m	-	
BR-20RH	40mm	Reflective	-	Cable : 2m	-	
BR-20RS	4mm	Reflective	-	Cable : 2m	-	
BR-20GN	50mm	Reflective	-	Cable : 2m	-	
BR-20GH	30mm	Reflective	-	Cable : 2m	-	
BR-20N	80mm	Reflective	-	Cable : 2m	-	









© 2009 Advfit Automation Sdn Bhd. All Right Reserved.







E-mail: sales@advfit.com



Curtain / Area Sensors

- with a long-range detection: 7m, 10m, 15m, 20m
- various sizes: 8 Optical, 12 Optical, 16 Optical 52 Optical, 56 Optical
- Pitch of the Optical intervals 20mm (40mm, 60mm, 80mm with order)
- self-diagnosis function (bad Detection)
- Mutual interference prevention function (can be installed close)
- Bi-directional installation brackets available
- Ambient Light (solar): 100,000 lx
- IP 65
- CE certified (EMC Certification)

 SMB Series		Model	Sn	Type	Output	Connection	Power	Picture
		SMB-0802	7m	Thru beam	NPN/PNP	Connector : 300mm	DC 12-24V	
		SMB-1202	7m	Thru beam	NPN/PNP	Connector : 300mm	DC 12-24V	
		SMB-1602	7m	Thru beam	NPN/PNP	Connector : 300mm	DC 12-24V	
		SMB-2002	7m	Thru beam	NPN/PNP	Connector : 300mm	DC 12-24V	
		SMB-2402	7m	Thru beam	NPN/PNP	Connector : 300mm	DC 12-24V	
		SMB-2802	7m	Thru beam	NPN/PNP	Connector : 300mm	DC 12-24V	
		SMB-3202	7m	Thru beam	NPN/PNP	Connector : 300mm	DC 12-24V	

SMB-3602	7m	Thru beam	NPN/PNP	Connector : 300mm	DC 12-24V	
SMB-4002	7m	Thru beam	NPN/PNP	Connector : 300mm	DC 12-24V	
SMB-4402	7m	Thru beam	NPN/PNP	Connector : 300mm	DC 12-24V	
SMB-4802	7m	Thru beam	NPN/PNP	Connector : 300mm	DC 12-24V	
SMB-5202	7m	Thru beam	NPN/PNP	Connector : 300mm	DC 12-24V	
SMB-5602	7m	Thru beam	NPN/PNP	Connector : 300mm	DC 12-24V	




© 2009 Advfit Automation Sdn Bhd. All Right Reserved.

E-mail: sales@advfit.com



Ultrasonic Sensors

- long-range detection 4.5m
- Not affected by color
- robust protection structure
- You can adjust the detection distance (white line at GND): 2m (3m)

		SUD Series					
Model	Sn	Type	Output	Connection	Power	Picture	
SUD-30M3	2~3m	Reflective	NPN	Cable : 2m	DC 12-24V		
SUD-30M5	3~4.5m	Reflective	NPN	Cable : 2m	DC 12-24V		

© 2009 Advfit Automation Sdn Bhd. All Right Reserved.

E-mail: sales@advfit.com





Fiber optic Amplifier

- Analog volume control type (ON / OFF output)
- various size and shape of the head
- Dark ON / Light ON behavior conversion cable (white line)



SBF Series

Model	Sn	Type	Output	Connection	Power	Picture
SBF-1	-	Amp	NPN	Cable : 2m	DC 12-24V	
SBF-2	-	Amp	NPN	Cable : 2m	DC 12-24V	


© 2009 Advfit Automation Sdn Bhd. All Right Reserved.

E-mail: sales@advfit.com



Fiber Sensor Head

- Sensor Heads of various sizes (Φ 1.5, Φ 2, Φ 3, M3, M4, M6)
- Attach the head sleeve (15mm, 35mm, 70mm)
- Bending radius: 25mm

		FT Series, FR Series					
Model	Sn	Type	Output	Connection	Power	Picture	
FT1.5S	150mm	Thru beam	-	Cable : 2m	-		
FT2S	150mm	Thru beam	-	Cable : 2m	-		
FT2S-S15	150mm	Thru beam	-	Cable : 2m	-		
FT3S	150mm	Thru beam	-	Cable : 2m	-		
FT3M	150mm	Thru beam	-	Cable : 2m	-		
FT3M-S35	150mm	Thru beam	-	Cable : 2m	-		
FT3S-S70	150mm	Thru beam	-	Cable : 2m	-		
FT4M	200mm	Thru beam	-	Cable : 2m	-		
FT4M-T	200mm	Thru beam	-	Cable : 2m	-		

FT4M-S70	200mm	Thru beam	-	Cable : 2m	-	
FT4M-TR	200mm	Thru beam	-	Cable : 2m	-	
FR3S	40mm	Reflective	-	Cable : 2m	-	
FR3S-S15	40mm	Reflective	-	Cable : 2m	-	
FR3M	40mm	Reflective	-	Cable : 2m	-	
FR3M-C	40mm	Reflective	-	Cable : 2m	-	
FR4M	40mm	Reflective	-	Cable : 2m	-	
FR4M-S70	40mm	Reflective	-	Cable : 2m	-	
FR6M	60mm	Reflective	-	Cable : 2m	-	
FR6M-HA	60mm	Reflective	-	Cable : 2m	-	
FR6M-S	60mm	Reflective	-	Cable : 2m	-	
FR6M-S70	60mm	Reflective	-	Cable : 2m	-	
FR6M-C	60mm	Reflective	-	Cable : 2m	-	
© 2009 Advfit Automation Sdn Bhd. All Right Reserved.				E-mail: sales@advfit.com		





Miniature Fork photoelectric sensor

- Detection distance: 30mm
- Ideal for elevator position detection
- High-speed response 1ms
- photoelectric Expression



SB-73 Series

Model	Sn	Type	Output	Connection	Power	Picture
SB-73A	30mm	Dark ON	NPN	Cable : 2m	DC 12-24V	
SB-73B	30mm	Light ON	NPN	Cable : 2m	DC 12-24V	

© 2009 Advfit Automation Sdn Bhd. All Right Reserved.

E-mail: sales@advfit.com





Miniature Fork photoelectric sensor

- Detection distance: 30mm
- Ideal for elevator position detection
- High-speed response 1ms
- photoelectric Expression



SL-73 Series

Model	Sn	Type	Output	Connection	Power	Picture
SL-73B	30mm	Light ON	1a Contact	Cable : 2m	DC 12-24V	
SL-73A	30mm	Dark ON	1b Contact	Cable : 2m	DC 12-24V	

© 2009 Advfit Automation Sdn Bhd. All Right Reserved.

E-mail: sales@advfit.com





Microwave motion sensor

- In the motion detection up to the front of the sensor detection distance: 35m (adjustable sensitivity)
- for the system of power-optimal



Microwave Motion Sensor

Model	Sn	Output	Connection	Power	Picture
SM-100	0~15m, 0~35m	Relay	MIC Connector	DC 12-24V	
SM-100B	0~15m, 0~35m	Relay	MIC Connector	DC 12-24V	

© 2009 Advfit Automation Sdn Bhd. All Right Reserved.

E-mail: sales@advfit.com







Temperature Controllers

- Apply Sensor: PT-100 Ω
- communications with RS-485 (STC-11)
- Measurement range: 0 ~ 200 °C
- TEST functions behavior
- failure status indication feature



STC Series

Model	Telecommunication	Measuring range	Type	Power	Picture
STC-10	NO	0-200°C	For single-phase	Single phase 85-250V	
STC-11	YES	0-200°C	For single-phase	Single phase 85-250V	
STC-30	NO	0-200°C	For three-phase	Single phase 85-250V	
STC-31	YES	0-200°C	For three-phase	Single phase 85-250V	







Output Converter

Output converter (converter)

- NPN → PNP
- PNP → NPN
- NPN N.O → NPN N.C
- PNP N.C → PNP N.O



Output converter (converter)

Model	Output	Picture
NP3	NPN→PNP	
PN3	PNP→NPN	
NC4	NPN.NO→NPN.NC	
PC4	PNP N.O→PNP N.C	



Connector Cable

- M12 × 1
- DC (AC) 2-wire - : 2m, 5m
L type: 2m, 5m
- DC 3-wire - : 2m, 5m
L type: 2m, 5m
- DC (AC) 4-wire - : 2m, 5m
L type: 2m, 5m

							
Model	Length	Type	Plug connection	Terminal	Power	Picture	
SD-2I2	2m	I	M12 Connection	-	DC		
SD-2I5	5m	I	M12 Connection	-	DC		
SD-2L2	2m	L	M12 Connection	-	DC		
SD-2L5	5m	L	M12 Connection	-	DC		
SD-3I2	2m	I	M12 Connection	-	DC		
SD-3I5	5m	I	M12 Connection	-	DC		
SD-3L2	2m	L	M12 Connection	-	DC		

SD-3L5	5m	L	M12 Connection	-	DC	
SD-3I2I	2m	I	M12 Connection	M12 Connection	DC	
SD-3I5I	5m	I	M12 Connection	M12 Connection	DC	
SD-3L2I	2m	L	M12 Connection	M12 Connection	DC	
SD-3L5I	5m	L	M12 Connection	M12 Connection	DC	
SD-4I2	2m	I	M12 Connection	-	DC	
SD-4I5	5m	I	M12 Connection	-	DC	
SD-4L2	2m	L	M12 Connection	-	DC	
SD-4L5	5m	L	M12 Connection	-	DC	
SD-4I2I	2m	I	M12 Connection	M12 Connection	DC	
SD-4L2I	2m	L	M12 Connection	M12 Connection	DC	
SA-2I2	2m	I	M12 Connection	-	AC	
SA-2I5	5m	I	M12 Connection	-	AC	
SA-2L2	2m	L	M12 Connection	-	AC	
SA-2L5	5m	L	M12 Connection	-	AC	
SA-4I2	2m	I	M12 Connection	-	AC	
SA-4I5	5m	I	M12 Connection	-	AC	
SA-4L2	2m	L	M12 Connection	-	AC	
SA-4L5	5m	L	M12 Connection	-	AC	



ADV FIT Automation Sdn. Bhd. (Co. No. 587996-T)

43, 1st Floor, Persiaran Mahsuri 1/1
Sunway Tunas 11900 Bayan Lepas
Penang, West Malaysia.
Tel. : +604-644 6113 (Hunting Line)
Fax. : +604-643 0113

Selangor Office

40A , Jalan Anggerik Vanilla AD31/AD
Seksyen 31 , Kota Kemuning
40460 Shah Alam , Selangor, Malaysia
Tel. : +603-5121 9727
Fax.: +603-5122 9727

Sales : sales@advfit.com
: mail@advfit.com

Website: www.advfit.com
: www.advfitonline.com