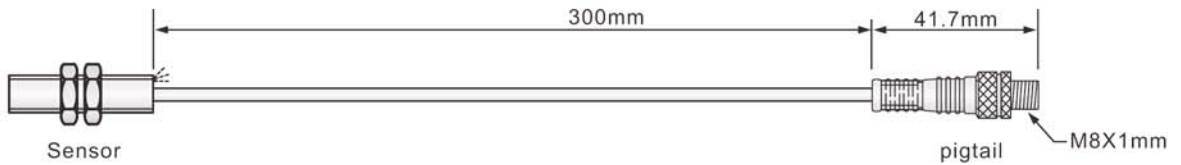


Ø3, M4, Ø4, M5

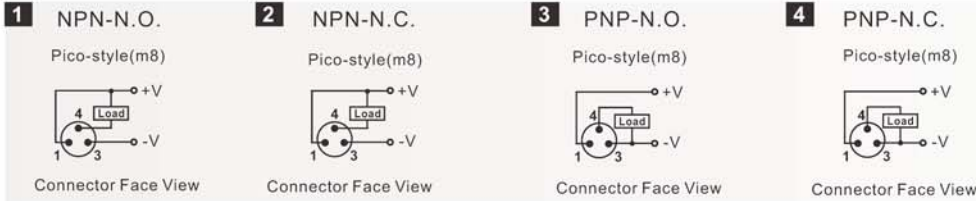
Q5, Ø6.5, M8, Ø8, Q8

Diameter	Ø3	M4	Ø4	M5	M5	M5	Q5	Ø6.5	Ø6.5Y	M8	Ø8	Q8	
• Bündig ○ Nicht Bündig	●	●	●	●	●	●	●	●	●	●	●	●	
Schaltabstand, Sn:mm	0.6mm	0.6mm	0.8mm	0.8mm	0.8mm	0.8mm	0.8mm	1 mm 2 mm 3 mm	1 mm 2 mm 3 mm	1 mm 2 mm 3 mm	1 mm 2 mm 3 mm	1 mm 2 mm 3 mm	
Gehäusewerkstoffe	Edelstahl	Edelstahl	Edelstahl	Edelstahl	Edelstahl	Edelstahl	Messing vernickelt	Edelstahl	Edelstahl	Edelstahl	Edelstahl	Messing vernickelt	
● mit LED ○ ohne LED	●	●	●	●	●	●	●	●	●	●	●	●	
Picture													
Versorgung	10-30VDC	10-30VDC	10-30VDC	10-30VDC	10-30VDC	10-30VDC	10-30VDC	10-30VDC	10-30VDC	10-30VDC	10-30VDC	10-30VDC	
Restwelligkeit	<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%	
Leerlaufstrom	<10mA	<10mA	<10mA	<10mA	<10mA	<10mA	<10mA	<10mA	<10mA	<10mA	<10mA	<10mA	
Strombelastbarkeit	100mA	100mA	200mA	200mA	200mA	100mA	200mA	200mA	200mA	200mA	200mA	200mA	
Kriechstrom	<0.01mA	<0.01mA	<0.01mA	<0.01mA	<0.01mA	<0.01mA	<0.01mA	<0.01mA	<0.01mA	<0.01mA	<0.01mA	<0.01mA	
Spannungsabfall	<1.5V	<1.5V	<1.5V	<1.5V	<1.5V	<1.5V	<1.5V	<1.5V	<1.5V	<1.5V	<1.5V	<1.5V	
Schaltfrequenz	2KHZ	2KHZ	2KHZ	2KHZ	2KHZ	2KHZ	2KHZ	2KHZ 1KHZ	2KHZ 1KHZ	2KHZ 1KHZ	2KHZ 1KHZ	2KHZ 1KHZ	
Ansprechzeit	0.1ms/0.1ms	0.1ms/0.1ms	0.1ms/0.1ms	0.1ms/0.1ms	0.1ms/0.1ms	0.1ms/0.1ms	0.1ms/0.1ms	0.1ms/0.1ms 0.2ms/0.2ms	0.1ms/0.1ms 0.2ms/0.2ms	0.1ms/0.1ms 0.2ms/0.2ms	0.1ms/0.1ms 0.2ms/0.2ms	0.1ms/0.1ms 0.2ms/0.2ms	
Hysterese	<15%(Sr)	<15%(Sr)	<15%(Sr)	<15%(Sr)	<15%(Sr)	<15%(Sr)	<15%(Sr)	<15%(Sr)	<15%(Sr)	<15%(Sr)	<15%(Sr)	<15%(Sr)	
Wiederholgenauigkeit	<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)	
Schutzart	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	
Umgebungstemperatur	-25°C+70°C	-25°C+70°C	-25°C+70°C	-25°C+70°C	-25°C+70°C	-25°C+70°C	-25°C+70°C	-25°C+70°C	-25°C+70°C	-25°C+70°C	-25°C+70°C	-25°C+70°C	
Schaltpunktdrift	<10%(Sr)	<10%(Sr)	<10%(Sr)	<10%(Sr)	<10%(Sr)	<10%(Sr)	<10%(Sr)	<10%(Sr)	<10%(Sr)	<10%(Sr)	<10%(Sr)	<10%(Sr)	
Kurzschlusschutz	Ja	Ja	Ja	Ja	Ja	Nein	Ja	Ja	Ja	Ja	Ja	Ja	
Überlast	120mA	120mA	220mA	220mA	220mA	-	220mA	220mA	220mA	220mA	220mA	220mA	
Material aktive Fläche	POM	POM	POM	POM	POM	POM	POM	POM	POM	POM	POM	POM	
Schaltbildnummer	[Red arrows pointing to the right]												
Normaler Schaltabstand 1 mm	DC NPN Schließer	P1D1S0306NOTA3 1	P1C1S0406NOTA3 1	P1D1S0408NOTA3 1	P1C1S0508NOTS3 1	P1C1S0508NOTA3 1	P1C1S0508NOTB3 1	P1S1B5508NOTA3 1	P1D1S6501NOTR3 1	P1D1S6501NOTR3Y 1	P1C1S0801NOTR3 1	P1D1S0801NOTR3 1	P1S1B8801NOTR3 1
	DC NPN Öffner	P1D1S0306NCTA3 2	P1C1S0406NCTA3 2	P1D1S0408NCTA3 2	P1C1S0508NCTA3 2	P1C1S0508NCTB3 2	P1S1B5508NCTA3 2	P1D1S6501NCTR3 2	P1D1S6501NCTR3Y 2	P1C1S0801NCTR3 2	P1D1S0801NCTR3 2	P1S1B8801NCTR3 2	
	DC PNP Schließer	P1D1S0306POTA3 3	P1C1S0406POTA3 3	P1D1S0408POTA3 3	P1C1S0508POTS3 3	P1C1S0508POTA3 3	P1C1S0508POTB3 3	P1S1B5508POTA3 3	P1D1S6501POTR3 3	P1D1S6501POTR3Y 3	P1C1S0801POTR3 3	P1D1S0801POTR3 3	P1S1B8801POTR3 3
	DC PNP Öffner	P1D1S0306PCTA3 4	P1C1S0406PCTA3 4	P1D1S0408PCTA3 4	P1C1S0508PCTS3 4	P1C1S0508PCTA3 4	P1C1S0508PCTB3 4	P1S1B5508PCTA3 4	P1D1S6501PCTR3 4	P1D1S6501PCTR3Y 4	P1C1S0801PCTR3 4	P1D1S0801PCTR3 4	P1S1B8801PCTR3 4
Erweiterter Schaltabstand 2 mm	DC NPN Schließer								P1D1S6502NOTR3 1	P1D1S6502NOTR3Y 1	P1C1S0802NOTR3 1	P1D1S0802NOTR3 1	P1S1B8802NOTR3 1
	DC NPN Öffner								P1D1S6502NCTR3 2	P1D1S6502NCTR3Y 2	P1C1S0802NCTR3 2	P1D1S0802NCTR3 2	P1S1B8802NCTR3 2
	DC PNP Schließer								P1D1S6502POTR3 3	P1D1S6502POTR3Y 3	P1C1S0802POTR3 3	P1D1S0802POTR3 3	P1S1B8802POTR3 3
	DC PNP Öffner								P1D1S6502PCTR3 4	P1D1S6502PCTR3Y 4	P1C1S0802PCTR3 4	P1D1S0802PCTR3 4	P1S1B8802PCTR3 4
Hoher Schaltabstand 3 mm	DC NPN Schließer								P1D1S6503NOTR3 1	P1D1S6503NOTR3Y 1	P1C1S0803NOTR3 1	P1D1S0803NOTR3 1	P1S1B8803NOTR3 1
	DC NPN Öffner								P1D1S6503NCTR3 2	P1D1S6503NCTR3Y 2	P1C1S0803NCTR3 2	P1D1S0803NCTR3 2	P1S1B8803NCTR3 2
	DC PNP Schließer								P1D1S6503POTR3 3	P1D1S6503POTR3Y 3	P1C1S0803POTR3 3	P1D1S0803POTR3 3	P1S1B8803POTR3 3
	DC PNP Öffner								P1D1S6503PCTR3 4	P1D1S6503PCTR3Y 4	P1C1S0803PCTR3 4	P1D1S0803PCTR3 4	P1S1B8803PCTR3 4
Abmessungen (in: mm)													
Anschluss	Kabel 0.3m PUR mit m8x1 connect	Kabel 0.3m PUR mit m8x1 connect	Kabel 0.3m PUR mit m8x1 connect	Kabel 0.3m PUR mit m8x1 connect	Kabel 0.3m PUR mit m8x1 connect	Kabel 0.3m PUR mit m8x1 connect	Kabel 0.3m PUR mit m8x1 connect	Kabel 0.3m PUR mit m8x1 connect	Kabel 0.3m PUR mit m8x1 connect	Kabel 0.3m PUR mit m8x1 connect	Kabel 0.3m PUR mit m8x1 connect	Kabel 0.3m PUR mit m8x1 connect	
Gewicht	ca. 25 g	ca. 25 g	ca. 25 g	ca. 25 g	ca. 25 g	ca. 25 g	ca. 25 g	ca. 25 g	ca. 25 g	ca. 25 g	ca. 25 g	ca. 20 g	

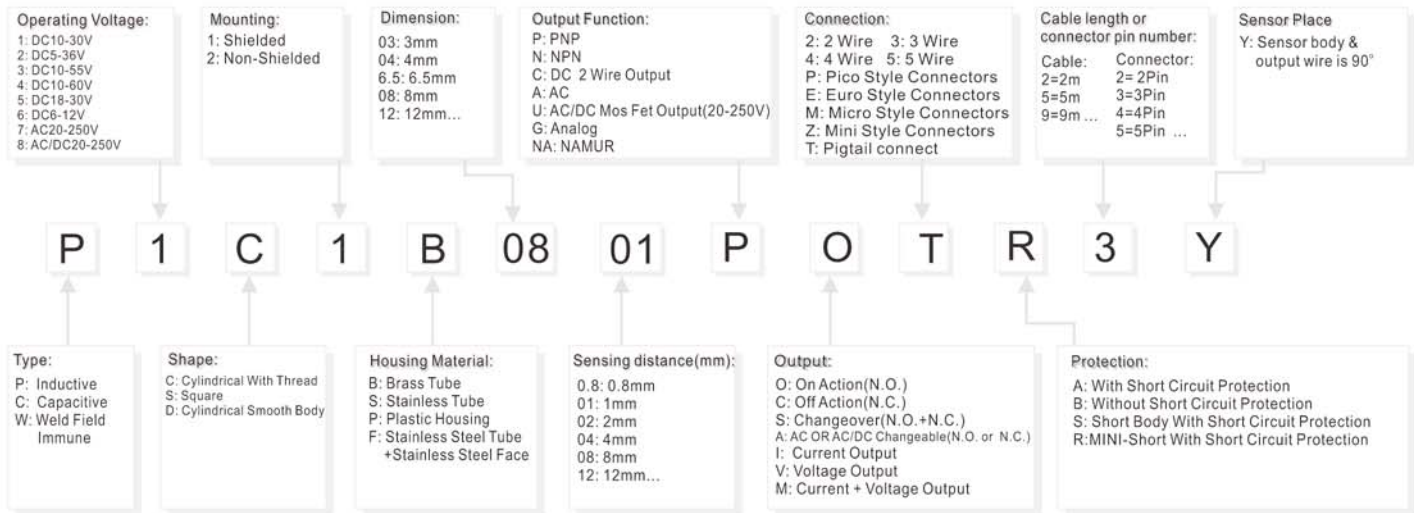
Diameter for Pigtail connect



Terminal Connections



Selection Guide For Sky-e All Proximity Switch



Other Sensor

Proximity sensor 1. DC Ultra-mini inductive proximity switch 2. DC inductive proximity switch 3. AC inductive proximity switch 4. AC/DC inductive proximity switch 5. Namur inductive proximity switch 6. Metal face inductive proximity switch 7. Inductive sensors weld field immune 8. Analog inductive proximity switch 9. Mini q series micro-proximity switch 10. Capacitive proximity switch 11. Cables and connectors	FR Series Photoelectric sensor Through-beam mode: M8: Sn=80mm, 150mm M12: Sn= 5.2 m M18: Sn=15m Diffuse mode: M12: Sn=200mm M18: Sn= 500mm, 150mm Retro-reflective mode: M12: Sn=2m, 1m (With Polarizing Filters) M18: Sn=3m, 1m (With Polarizing Filters)	FU31 Series Photoelectric sensor Through-beam mode: Sn=5m, 10m Diffuse mode: Sn=110mm, 350mm, 800mm Retro-reflective mode: Sn=0.1-4m, 0.1-0.7m(for transparent) Retro-reflective mode: Sn=0.1-2m(with polarizing filter)	FS50 Series Photoelectric sensor Through-beam mode: Sn=20m Diffuse mode: Sn=400mm, 1m, 1.8m, 2m Retro-reflective mode: Sn=10m Retro-reflective mode: Sn=6m (With Polarizing Filters)
FB80 Series Photoelectric sensor +Multi-function timer +ON/OFF delay +One shot-four functions +NPN or PNP Programmable output +N.O. or N.C. Programmable output +3A relay SPDT Through-beam mode: Sn=25m Diffuse mode: Sn=20-100cm, 20-180cm Retro-reflective mode: Sn=15m Retro-reflective mode: Sn=9m(with polarizing filter)	U Series Photoelectric sensor Transmissive sensor • An infrared emitting diode and an NPN silicon phototransistor • 1.52mm dia detector aperture • 3.18mm slot width • Operating Temperature:-40 °C~85 °C • Same to HOA1881 type of the Honeywell company	 WACHENDORFF Wachendorff Prozesstechnik GmbH & Co. KG Industriestrasse 7 • D-65366 Geisenheim Tel.: +49 (0) 67 22 / 99 65 - 20 Fax: +49 (0) 67 22 / 99 65 - 78 E-Mail: efdi@wachendorff.de www.wachendorff.de	