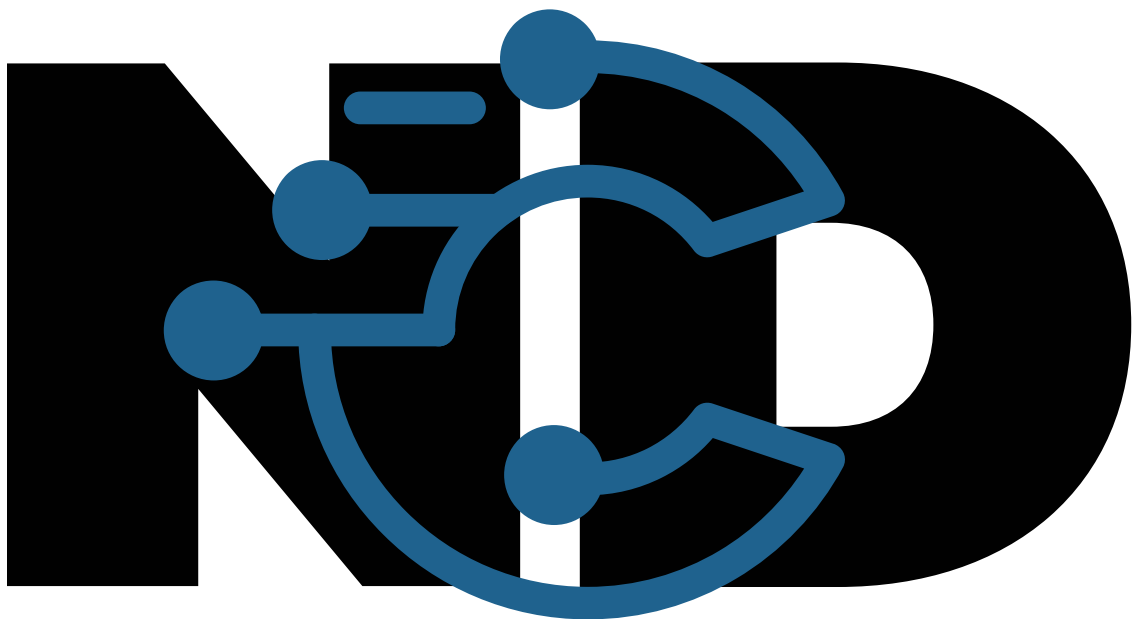
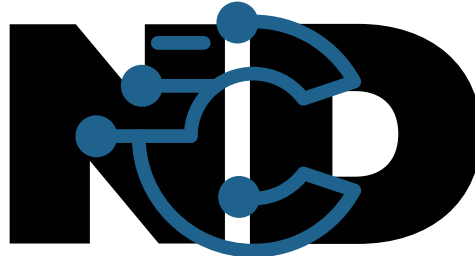


M8 CATALOGUE



NATIONAL CABLE DISTRIBUTION



NATIONAL CABLE DISTRIBUTION

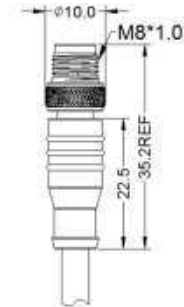
M8 CATALOGUE

M8 MALE STRAIGHT MOLDED CABLE, UNSHIELDED

PRODUCT PHOTO

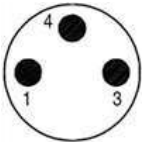


SCALE DRAWING

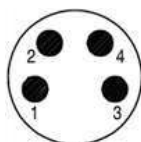


PIN ASSIGNMENT FRONT VIEW

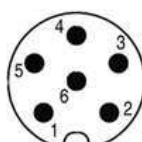
A Code 3 pins



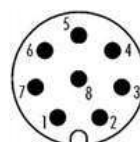
A Code 4 pins



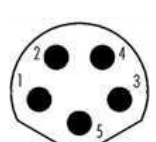
A Code 6 pins



A Code 8 pins



B Code 5 pins



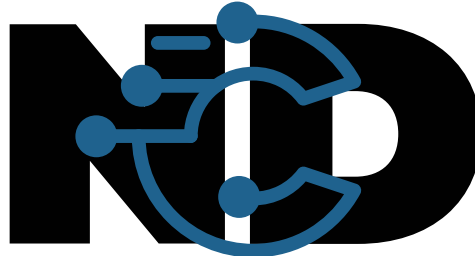
PART NUMBERS

Part number("X" is length millimetre mm)

		PVC			PUR	
		-10°C~+80°C	-40°C~+105°C		-10°C~+80°C	-40°C~+105°C
3 pins	A Code	8L001-X	8L041-X		8L123-X	8L082-X
4 pins	A Code	8L005-X	8L045-X		8L127-X	8L086-X
6 pins	A Code	8L013-X	8L053-X		8L135-X	8L094-X
8 pins	A Code	8L017-X	8L057-X		8L139-X	8L098-X
5 pins	B Code	8L009-X	8L049-X		8L131-X	8L090-X

GENERAL INFORMATION

	3 pins	4 pins	5 pins	6 pins	8 pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	Solder and over mold				
Degree of protection	IP67, IP68, IP69K				
Wire gauge (mm²)	0.14mm² - 0.34mm²				
Wire gauge (AWG)	26AWG - 22AWG				
Mechanical operation	>100 mating cells				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pin material	Brass with gold plated				
Screw material	Brass with nickel plated				
O-ring material	Fluorine ring				
Over-mould material	TPU				
Environmental compliance	RoHs, Reach				



NATIONAL CABLE DISTRIBUTION

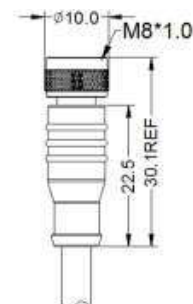
M8 CATALOGUE

M8 FEMALE STRAIGHT MOLDED CABLE, UNSHIELDED

PRODUCT PHOTO

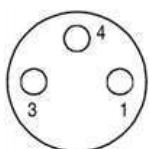


SCALE DRAWING

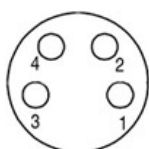


PIN ASSIGNMENT FRONT VIEW

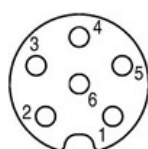
A Code 3 pins



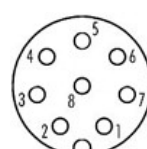
A Code 4 pins



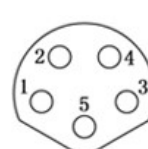
A Code 6 pins



A Code 8 pins



B Code 5 pins



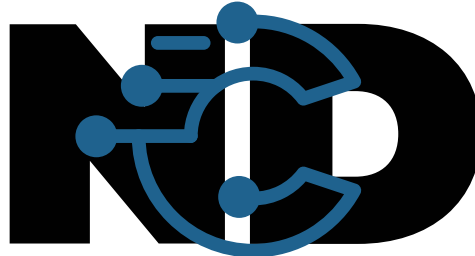
PART NUMBERS

Part number("X" is length millimetre mm)

		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
3 pins	A Code	8L002-X	8L042-X	8L124-X	8L083-X
4 pins	A Code	8L006-X	8L046-X	8L128-X	8L087-X
6 pins	A Code	8L014-X	8L054-X	8L136-X	8L095-X
8 pins	A Code	8L018-X	8L058-X	8L140-X	8L099-X
5 pins	B Code	8L010-X	8L050-X	8L132-X	8L091-X

GENERAL INFORMATION

	3 pins	4 pins	5 pins	6 pins	8 pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	Solder and over mold				
Degree of protection	IP67, IP68, IP69K				
Wire gauge (mm²)	0.14mm² - 0.34mm²				
Wire gauge (AWG)	26AWG - 22AWG				
Mechanical operation	>100 mating cells				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pin material	Phosphorus copper with gold plated				
Screw material	Brass with nickel plated				
O-ring material	Fluorine ring				
Over-mould material	TPU				
Environmental compliance	RoHs, Reach				



NATIONAL CABLE DISTRIBUTION

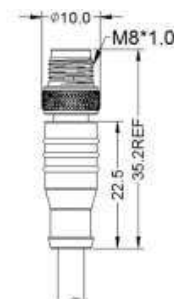
M8 CATALOGUE

M8 MALE STRAIGHT MOLDED CABLE, SHIELDED

PRODUCT PHOTO

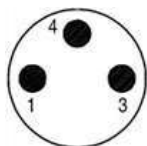


SCALE DRAWING

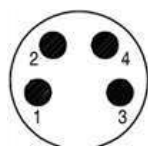


PIN ASSIGNMENT FRONT VIEW

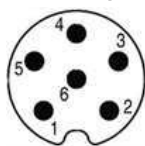
A Code 3 pins



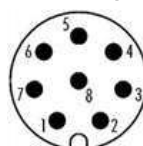
A Code 4 pins



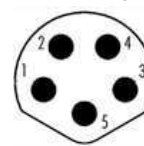
A Code 6 pins



A Code 8 pins



B Code 5 pins



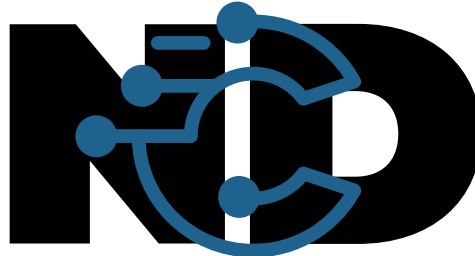
PART NUMBERS

Part number("X" is length millimetre mm)

		PVC			PUR	
		-10°C~+80°C	-40°C~+105°C		-10°C~+80°C	-40°C~+105°C
3 pins	A Code	8L021-X	8L061-X		8L143-X	8L102-X
4 pins	A Code	8L025-X	8L065-X		8L147-X	8L106-X
6 pins	A Code	8L033-X	8L073-X		8L155-X	8L114-X
8 pins	A Code	8L037-X	8L077-X		8L159-X	8L118-X
5 pins	B Code	8L029-X	8L069-X		8L151-X	8L110-X

GENERAL INFORMATION

	3 pins	4 pins	5 pins	6 pins	8 pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	Solder and over mold				
Degree of protection	IP67, IP68, IP69K				
Wire gauge (mm²)	0.25mm²				
Wire gauge (AWG)	24AWG				
Mechanical operation	>100 mating cells				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pin material	Brass with gold plated				
Screw material	Brass with nickel plated				
O-ring material	Fluorine ring				
Over-mould material	TPU				
Environmental compliance	RoHs, Reach				



NATIONAL CABLE DISTRIBUTION

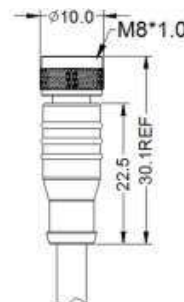
M8 CATALOGUE

M8 FEMALE STRAIGHT MOLDED CABLE, SHIELDED

PRODUCT PHOTO

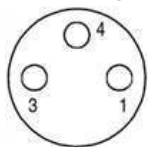


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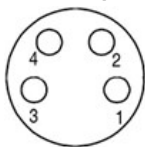


PIN ASSIGNMENT FRONT VIEW

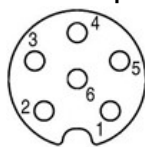
A Code 3 pins



A Code 4 pins



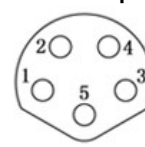
A Code 6 pins



A Code 8 pins



B Code 5 pins



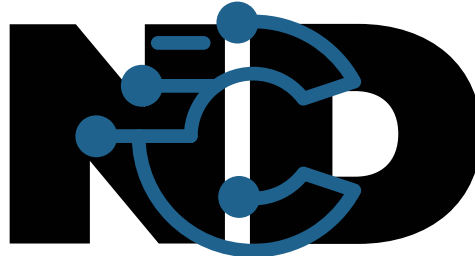
PART NUMBERS

Part number("X" is length millimetre mm)

		PVC			PUR	
		-10°C~+80°C	-40°C~+105°C		-10°C~+80°C	-40°C~+105°C
3 pins	A Code	8L022-X	8L062-X		8L144-X	8L103-X
4 pins	A Code	8L026-X	8L066-X		8L148-X	8L107-X
6 pins	A Code	8L034-X	8L074-X		8L156-X	8L115-X
8 pins	A Code	8L038-X	8L078-X		8L157-X	8L119-X
5 pins	B Code	8L030-X	8L070-X		8L152-X	8L111-X

GENERAL INFORMATION

	3 pins	4 pins	5 pins	6 pins	8 pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	Solder and over mold				
Degree of protection	IP67, IP68, IP69K				
Wire gauge (mm ²)	0.14mm ² - 0.34mm ²				
Wire gauge (AWG)	26AWG - 22AWG				
Mechanical operation	>100 mating cells				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pin material	Phosphorus copper with gold plated				
Screw material	Brass with nickel plated				
O-ring material	Fluorine ring				
Over-mould material	TPU				
Environmental compliance	RoHs, Reach				



NATIONAL CABLE DISTRIBUTION

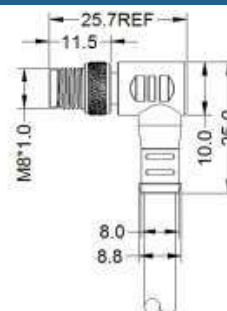
M8 CATALOGUE

M8 MALE RIGHT ANGLE MOLDED CABLE, UNSHIELDED

PRODUCT PHOTO

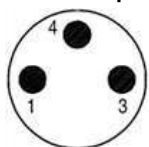


SCALE DRAWING

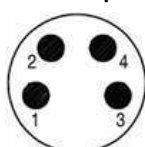


PIN ASSIGNMENT FRONT VIEW

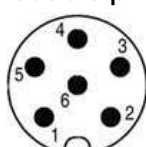
A Code 3 pins



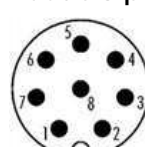
A Code 4 pins



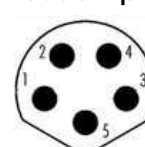
A Code 6 pins



A Code 8 pins



B Code 5 pins



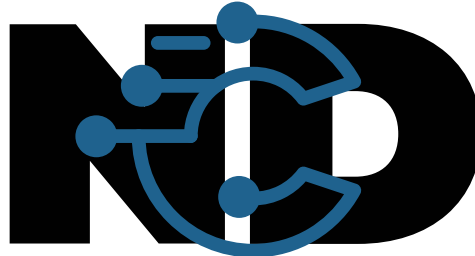
PART NUMBERS

Part number("X" is length millimetre mm)

		PVC			PUR	
		-10°C~+80°C	-40°C~+105°C		-10°C~+80°C	-40°C~+105°C
3 pins	A Code	8L003-X	8L043-X		8L125-X	8L084-X
4 pins	A Code	8L007-X	8L047-X		8L129-X	8L088-X
6 pins	A Code	8L015-X	8L055-X		8L137-X	8L096-X
8 pins	A Code	8L019-X	8L059-X		8L141-X	8L100-X
5 pins	B Code	8L011-X	8L051-X		8L133-X	8L092-X

GENERAL INFORMATION

	3 pins	4 pins	5 pins	6 pins	8 pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	Solder and over mold				
Degree of protection	IP67, IP68, IP69K				
Wire gauge (mm ²)	0.14mm ² - 0.34mm ²				
Wire gauge (AWG)	26AWG - 22AWG				
Mechanical operation	>100 mating cells				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pin material	Brass with gold plated				
Screw material	Brass with nickel plated				
O-ring material	Fluorine ring				
Over-mould material	TPU				
Environmental compliance	RoHs, Reach				



NATIONAL CABLE DISTRIBUTION

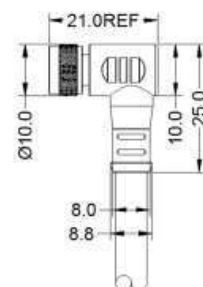
M8 CATALOGUE

M8 FEMALE RIGHT ANGLE MOLDED CABLE, UNSHIELDED

PRODUCT PHOTO

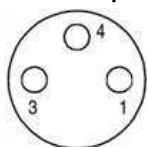


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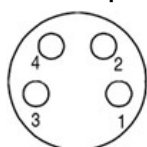


PIN ASSIGNMENT FRONT VIEW

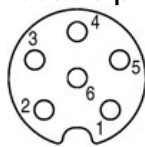
A Code 3 pins



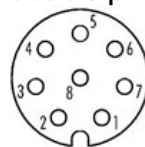
A Code 4 pins



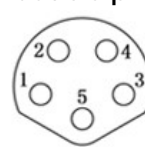
A Code 6 pins



A Code 8 pins



B Code 5 pins



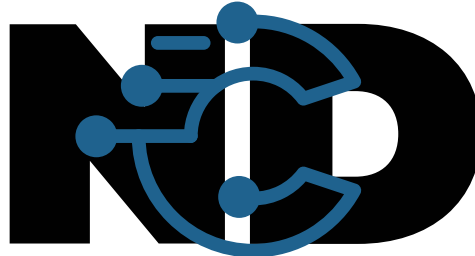
PART NUMBERS

Part number("X" is length millimetre mm)

		PVC			PUR	
		-10°C~+80°C	-40°C~+105°C		-10°C~+80°C	-40°C~+105°C
3 pins	A Code	8L004-X	8L044-X		8L126-X	8L085-X
4 pins	A Code	8L008-X	8L048-X		8L130-X	8L089-X
6 pins	A Code	8L016-X	8L056-X		8L138-X	8L097-X
8 pins	A Code	8L020-X	8L060-X		8L142-X	8L101-X
5 pins	B Code	8L012-X	8L052-X		8L134-X	8L093-X

GENERAL INFORMATION

	3 pins	4 pins	5 pins	6 pins	8 pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	Solder and over mold				
Degree of protection	IP67, IP68, IP69K				
Wire gauge (mm ²)	0.14mm ² - 0.34mm ²				
Wire gauge (AWG)	26AWG - 22AWG				
Mechanical operation	>100 mating cells				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pin material	Phosphorus copper with gold plated				
Screw material	Brass with nickel plated				
O-ring material	Fluorine ring				
Over-mould material	TPU				
Environmental compliance	RoHs, Reach				



NATIONAL CABLE DISTRIBUTION

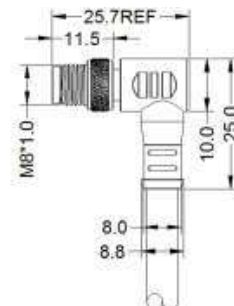
M8 CATALOGUE

M8 MALE RIGHT ANGLE MOLDED CABLE, SHIELDED

PRODUCT PHOTO

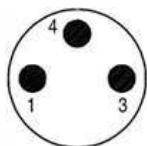


SCALE DRAWING

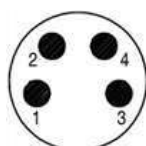


PIN ASSIGNMENT FRONT VIEW

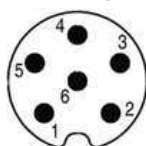
A Code 3 pins



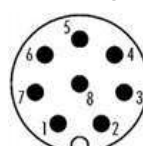
A Code 4 pins



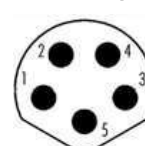
A Code 6 pins



A Code 8 pins



B Code 5 pins



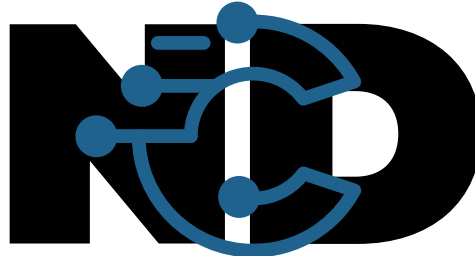
PART NUMBERS

Part number("X" is length millimetre mm)

		PVC			PUR	
		-10°C~+80°C	-40°C~+105°C		-10°C~+80°C	-40°C~+105°C
3 pins	A Code	8L023-X	8L063-X		8L145-X	8L104-X
4 pins	A Code	8L027-X	8L067-X		8L149-X	8L108-X
6 pins	A Code	8L035-X	8L075-X		8L157-X	8L116-X
8 pins	A Code	8L039-X	8L079-X		8L161-X	8L120-X
5 pins	B Code	8L031-X	8L071-X		8L153-X	8L112-X

GENERAL INFORMATION

	3 pins	4 pins	5 pins	6 pins	8 pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	Solder and over mold				
Degree of protection	IP67, IP68, IP69K				
Wire gauge (mm ²)	0.14mm ² - 0.34mm ²				
Wire gauge (AWG)	26AWG - 22AWG				
Mechanical operation	>100 mating cells				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pin material	brass with gold plated				
Screw material	Brass with nickel plated				
O-ring material	Fluorine ring				
Over-mould material	TPU				
Environmental compliance	RoHs, Reach				



NATIONAL CABLE DISTRIBUTION

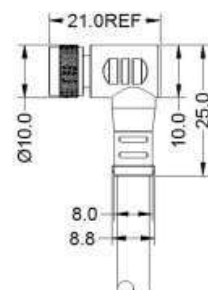
M8 CATALOGUE

M8 FEMALE RIGHT ANGLE MOLDED CABLE, SHIELDED

PRODUCT PHOTO

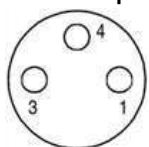


SCALE DRAWING

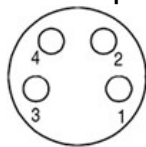


PIN ASSIGNMENT FRONT VIEW

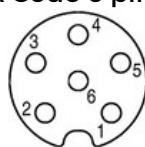
A Code 3 pins



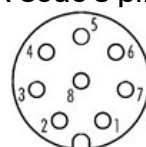
A Code 4 pins



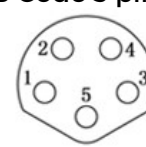
A Code 6 pins



A Code 8 pins



B Code 5 pins



PART NUMBERS

Part number("X" is length millimetre mm)

		PVC			PUR	
		-10°C~+80°C	-40°C~+105°C		-10°C~+80°C	-40°C~+105°C
3 pins	A Code	8L024-X	8L064-X		8L146-X	8L105-X
4 pins	A Code	8L028-X	8L068-X		8L150-X	8L109-X
6 pins	A Code	8L036-X	8L076-X		8L158-X	8L117-X
8 pins	A Code	8L040-X	8L080-X		8L162-X	8L121-X
5 pins	B Code	8L032-X	8L072-X		8L154-X	8L113-X

GENERAL INFORMATION

	3 pins	4 pins	5 pins	6 pins	8 pins
Rated voltage	60V	30V	30V	30V	30V
Rated current(40°C)	3A	3A	3A	1A	1A
Standards/regulations	IEC 61076-2-104				
Termination	Solder and over mold				
Degree of protection	IP67, IP68, IP69K				
Wire gauge (mm ²)	0.14mm ² - 0.34mm ²				
Wire gauge (AWG)	26AWG - 22AWG				
Mechanical operation	>100 mating cells				
Contact resistance	≤5mΩ				
Insulation resistance	≥100MΩ				
Connector body material	TPU				
Pin material	Phosphorus copper with gold plated				
Screw material	Brass with nickel plated				
O-ring material	Fluorine ring				
Over-mould material	TPU				
Environmental compliance	RoHs, Reach				