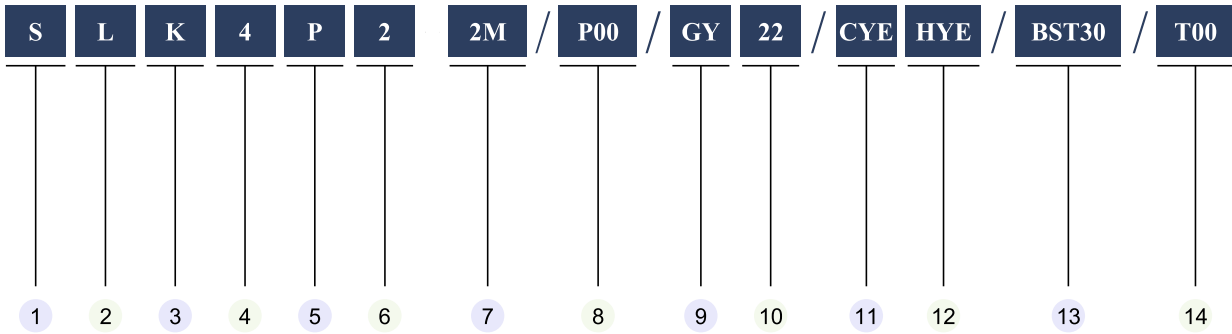


# M8 Industrial Connectors

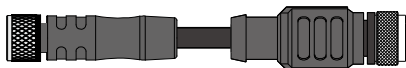

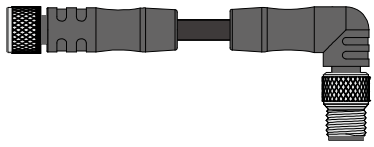
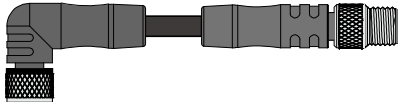


# M8/Ø8 Pre-moulding connector part number key



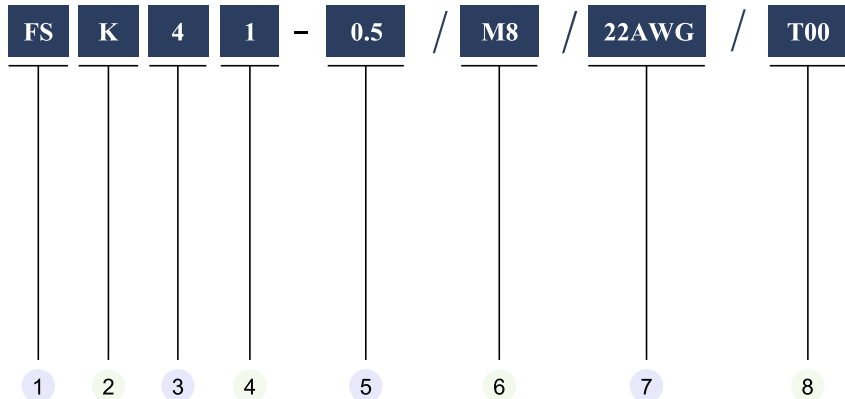
<p><b>1</b> S M8X1 Connector R Ø8 Connector</p> <p><b>2</b> Blank Straight L Right angle</p> <p><b>3</b> K Female Z Male</p> <p><b>4</b> Number of pins 3 1 BN, 3 BU, 4 BK 4 1 BN, 2 WH, 3 BU, 4 BK</p> <p><b>5</b> LED indicator P PNP N NPN</p> <p><b>6</b> Number of LED</p>	<p><b>7</b> Length [m]</p> <p><b>8</b> Cable Jacket</p> <p><b>9</b> Color of cable Blank Standard color BU Blue (customization) YE Yellow (customization) GY Gray (customization) WH White (customization) OR Orange (customization) LGY Light grey (customization)</p> <p><b>10</b> Wire gauge Blank Standard wire gauge 24AWG (0.25mm<sup>2</sup>) 22 22AWG:0.34mm<sup>2</sup> (customization) 26 26AWG:0.14mm<sup>2</sup> (customization)</p>	<p><b>11</b> Color of contact carrier Blank Standard color black CYE Yellow contact carrier ( customization )</p> <p><b>12</b> Color of plug body Blank Standard color black HYE Plug body yellow ( customization ) HBU Plug body blue ( customization )</p> <p><b>13</b> label sleeves (No tag ) The double-ended connector defaults to two, and the single-ended connector defaults to one. Blank No label sleeves BST18 18mm Long label sleeves ( Varieties ) BST23 23mm Long label sleeves ( Varieties ) BST30 30mm Long label sleeves ( Varieties )</p> <p><b>14</b> Varieties</p>
---	--	---

## Extension Examples

	SK3 EK3-*M/P00
	SK3 SZ3-*M/P00
	SK3 SLZ3-*M/P00
	SLK3 SZ3-*M/P00

## M8/Ø8 Receptacle/field wireable connector part number key

### Receptacle part number key



1 FS M8 Receptacle  
FR Ø8 Receptacle

2 K Female  
Z Male

3 Number of pins

4 Termination (mounting style)  
1 Rear mount  
2 Front mount

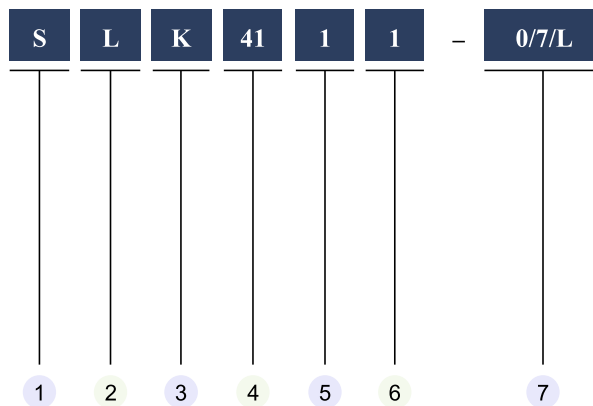
5 Length of cable 0.5=0.5m  
L Solder cup  
P PCB pins

6 Thread Type (Connection thread)  
M8 M8X0.5, Blank - PG9,  
NPT 1/2-14NPT, NPSM 1/2-14NPSM,  
RS14 Rectangular screw connection  
(screw pitch 14mm)

7 Wire gauge of cable  
Blank 24AWG

8 Varieties

### Field wireable connector part number key



1 S M8x1 Field wireable connector

2 L Right angle  
Blank Straight

3 K Female  
Z Male

4 Number of pin/material of pin  
1 Ag plated brass  
2 Au plated brass

5 1 A-code

6 Housing material  
1 Plastic housing, nylon coupling nut  
2 Plastic housing, metal coupling nut  
3 Plastic housing, VA-metal coupling nut  
4 Transparent plastic housing, plastic coupling nut  
5 Transparent plastic housing, metal coupling nut  
8 Metal housing

7 Thread Type (connection thread)  
0: Single cable 1: Dual cable  
Cable opening Blank M10 7,9 (PG7,9)  
Termination Blank Screw terminals  
L Solder cup  
C Pressure connection  
IDC Pre-insulated connection

## 3pins/4pins M8 Pre-moulding connector

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- IP degree:IP67
- Rated current:4A
- Rated voltage:3Pin 60V,4Pin 30V
- Insulation resistance:  $\geq 10^9 \Omega$
- Forward resistance:  $\leq 5m\Omega$
- Pollution degree:3
- Temperature range:-40...+80°C
- Mechanical operation:  $\geq 100$
- Maximum cable diameter: 5.6mm



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
<b>Straight Female</b> SK..** 	SK3-2M/P00 SK3-5M/P00 SK3-10M/P00	10021000 10021001 10021002	PVC/Black 3x24AWG (3x0.25mm <sup>2</sup> ) Ø4.4mm Cable Type NO. : 580E2351-*M	Female  
<b>Right angle Female</b> SLK..** 	SLK3-2M/P00 SLK3-5M/P00 SLK3-10M/P00	10021020 10021021 10021022		
<b>Straight Male</b> SZ..** 	SZ3-2M/P00 SZ3-5M/P00 SZ3-10M/P00	10021040 10021041 10084603	PVC/Black 3x24AWG (3x0.25mm <sup>2</sup> ) Ø4.4mm Cable Type NO. : 580E2351-*M	Male  
<b>Right angle Male</b> SLZ..** 	SLZ3-2M/P00 SLZ3-5M/P00 SLZ3-10M/P00	10021060 10021061 10084604		
<b>Straight Female</b> SK..** 	SK4-2M/P00 SK4-5M/P00 SK4-10M/P00	10021010 10021011 10021012	PVC/Black 4x24AWG (4x0.25mm <sup>2</sup> ) Ø4.4mm Cable Type NO. : 580E1351-*M	Female  
<b>Right angle Female</b> SLK..** 	SLK4-2M/P00 SLK4-5M/P00 SLK4-10M/P00	10021030 10021113 10021032		
<b>Straight Male</b> SZ..** 	SZ4-2M/P00 SZ4-5M/P00 SZ4-10M/P00	10021050 10021156 10084605	PVC/Black 4x24AWG (4x0.25mm <sup>2</sup> ) Ø4.4mm Cable Type NO. : 580E1351-*M	Male  
<b>Right angle Male</b> SLZ..** 	SLZ4-2M/P00 SLZ4-5M/P00 SLZ4-10M/P00	10021070 10084606 10084607		

\* Standard cable lengths are 2/5/10M, Consult factory for other lengths

\*\* Standard coupling nut material is nickel plated brass

## 3pins/4pins M8 Pre-moulding connector

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- IP degree:IP67
- Rated current:5 points 3A,6 points 2A
- Rated voltage:30V
- Insulation resistance:  $\geq 10^9 \Omega$
- Forward resistance:  $\leq 5m\Omega$
- Pollution degree:3
- Temperature range:-40...+80°C
- Mechanical operation:  $\geq 100$
- Maximum cable diameter:5.6mm



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
<b>Straight Female</b> SK..** 	SBK5-2M/P00 SBK5-5M/P00 SBK5-10M/P00	10021355 10021356 10021357	PVC/Black 5x22AWG (5x0.34mm <sup>2</sup> ) Ø5.2mm Cable Type NO. : 58610231-*M	Female 
<b>Right angle Female</b> SLK..** 	SLBK5-2M/P00 SLBK5-5M/P00 SLBK5-10M/P00	10021358 10021359 10021360		
<b>Straight Male</b> SZ..** 	SBZ5-2M/P00 SBZ5-5M/P00 SBZ5-10M/P00	10021361 10021362 10021363	PVC/Black 5x22AWG (5x0.34mm <sup>2</sup> ) Ø5.2mm Cable Type NO. : 58610231-*M	Male 
<b>Right angle Male</b> SLZ..** 	SLBZ5-2M/P00 SLBZ5-5M/P00 SLBZ5-10M/P00	10021364 10021365 10021366		
<b>Straight Female</b> SK..** 	SK6-2M/P00 SK6-5M/P00 SK6-10M/P00	10021367 12500267 10021368	PVC/Black 6x26AWG (6x0.14mm <sup>2</sup> ) Ø5.0mm Cable Type NO. : 58528911-*M	Female 
<b>Right angle Female</b> SLK..** 	SLK6-2M/P00 SLK6-5M/P00 SLK6-10M/P00	10021369 10021370 10021371		
<b>Straight Male</b> SZ..** 	SZ6-2M/P00 SZ6-5M/P00 SZ6-10M/P00	10021372 10021373 10021374	PVC/Black 6x26AWG (6x0.14mm <sup>2</sup> ) Ø5.0mm Cable Type NO. : 58528911-*M	Male 
<b>Right angle Male</b> SLZ..** 	SLZ6-2M/P00 SLZ6-5M/P00 SLZ6-10M/P00	10021375 10021376 10021377		

\* Standard cable lengths are 2/5/10M, Consult factory for other lengths

\*\* Standard coupling nut material is nickel plated brass

## 8pins M8 Pre-moulding connector

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- IP degree:IP67
- Rated current:2A
- Rated voltage:30V
- Insulation resistance:  $\geq 10^9 \Omega$
- Forward resistance:  $\leq 5m\Omega$
- Pollution degree:3
- Temperature range:-40...+80°C
- Mechanical operation:  $\geq 100$
- Maximum cable diameter:5.6mm



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
<b>Straight Female</b> SK..** 	SK8-2M/P00 SK8-5M/P00 SK8-10M/P00	10023347 10021378 10021379	PVC/Black 8x26AWG (8x0.14mm <sup>2</sup> ) Ø5.0mm Cable Type NO. : 58020151-*M	Female 
<b>Right angle Female</b> SLK..** 	SLK8-2M/P00 SLK8-5M/P00 SLK8-10M/P00	10021380 10021381 10021382		
<b>Straight Male</b> SZ..** 	SZ8-2M/P00 SZ8-5M/P00 SZ8-10M/P00	10023379 10021383 10021384	PVC/Black 8x26AWG (8x0.14mm <sup>2</sup> ) Ø5.0mm Cable Type NO. : 58020151-*M	Male 
<b>Right angle Male</b> SLZ..** 	SLZ8-2M/P00 SLZ8-5M/P00 SLZ8-10M/P00	10021385 10021386 10021387		

\* Standard cable lengths are 2/5/10M, Consult factory for other lengths

\*\* Standard coupling nut material is nickel plated brass

## 3pins/4pins M8 Pre-moulding connector

- Plug body:TPU/Black
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- IP degree: IP67
- Rated current:4A
- Rated voltage:3 Pin 60V,4 Pin 30V
- Insulation resistance :  $\geq 10^9 \Omega$
- Forward resistance :  $\leq 5m\Omega$
- Pollution degree:3
- Temperature range:-30...+90°C
- Mechanical operation: $\geq 100$



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female RK..** 	RK3-2M/P00 RK3-5M/P00 RK3-10M/P00	10022000 10022006 10022007	PVC/Black 3x24AWG (3x0.25mm <sup>2</sup> ) Ø4.4mm Cable Type NO. : 580E2351-*M	Female 
Right angle Female RLK..** 	RLK3-2M/P00 RLK3-5M/P00 RLK3-10M/P00	10022020 10022024 10025172		
Straight Male RZ..** 	RZ3-2M/P00 RZ3-5M/P00 RZ3-10M/P00	10022042 10022043 10022044	PVC/Black 3x24AWG (3x0.25mm <sup>2</sup> ) Ø4.4mm Cable Type NO. : 580E2351-*M	Male 
Right angle Male RLZ..** 	RLZ3-2M/P00 RLZ3-5M/P00 RLZ3-10M/P00	10022060 10022063 10022064		
Straight Female RK..** 	RK4-2M/P00 RK4-5M/P00 RK4-10M/P00	10022010 10022011 10022012	PVC/Black 4x24AWG (4x0.25mm <sup>2</sup> ) Ø4.4mm Cable Type NO. : 580E1351-*M	Female 
Right angle Female RLK..** 	RLK4-2M/P00 RLK4-5M/P00 RLK4-10M/P00	10022030 10022033 10022034		
Straight Male RZ..** 	RZ4-2M/P00 RZ4-5M/P00 RZ4-10M/P00	10022050 10022051 10022052	PVC/Black 4x24AWG (4x0.25mm <sup>2</sup> ) Ø4.4mm Cable Type NO. : 580E1351-*M	Male 
Right angle Male RLZ..** 	RLZ4-2M/P00 RLZ4-5M/P00 RLZ4-10M/P00	10022070 10022072 10022073		

\* Standard cable lengths are 2/5/10M, Consult factory for other lengths

\*\* Standard coupling nut material is nickel plated brass

## 3pins/4pins M8/Ø8 Pre-moulding connector with LEDs

- Plug body:TPU/Black
- Coupling nut:Brass/Nicket
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- IP degree:IP67
- Rated current:4A
- Rated voltage:3 Pin 60V,4 Pin 30V
- Insulation resistance:  $\geq 10^9 \Omega$
- Forward resistance:  $\leq 5m\Omega$
- Pollution degree:3
- Temperature range:-30...+90°C
- Mechanical operation: $\geq 100$



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
<p>M8 Right angle Female SLK..**</p>	<p>SLK3P2-2M/P00 SLK3P2-5M/P00 SLK3P2-10M/P00</p>	<p>10021480 10021540 10021541</p>	<p>PVC/Black 3x24AWG (3x0.25mm<sup>2</sup>) Ø4.4mm Cable Type NO. : 580E1351-*M</p>	<p>Female</p> <p>1.BN 3.BU 4.BK</p>
<p>M8 Right angle Female SLK..**</p>	<p>SLK4P2-2M/P00 SLK4P2-5M/P00 SLK4P2-10M/P00</p>	<p>10021490 10021542 10021543</p>	<p>PVC/Black 3x24AWG (4x0.25mm<sup>2</sup>) Ø4.4mm Cable Type NO. : 580E1351-*M</p>	<p>Female</p> <p>1.BN 2.WH 3.BU 4.BK</p>
<p>Ø8 Right angle Female RLK..**</p>	<p>RLK3P2-2M/P00 RLK3P2-5M/P00 RLK3P2-10M/P00</p>	<p>10024600 10024601 10024602</p>	<p>PVC/Black 3x24AWG (3x0.25mm<sup>2</sup>) Ø4.4mm Cable Type NO. : 580E1351-*M</p>	<p>Female</p> <p>1.BN 3.BU 4.BK</p>
<p>Ø8 Right angle Female RLK..**</p>	<p>RLK4P2-2M/P00 RLK4P2-5M/P00 RLK4P2-10M/P00</p>	<p>10024610 10024614 10024615</p>	<p>PVC/Black 3x24AWG (4x0.25mm<sup>2</sup>) Ø4.4mm Cable Type NO. : 580E1351-*M</p>	<p>Female</p> <p>1.BN 2.WH 3.BU 4.BK</p>

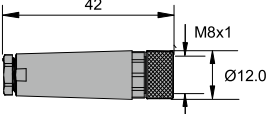
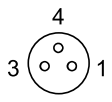
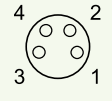
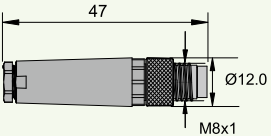
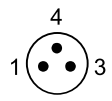
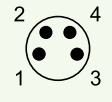
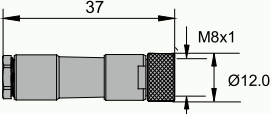
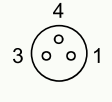
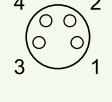
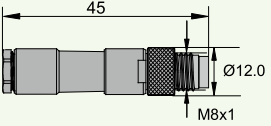
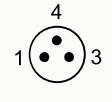
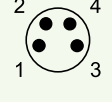
\* Standard cable lengths are 2/5/10M, Consult factory for other lengths

\*\* Standard coupling nut material is nickel plated brass



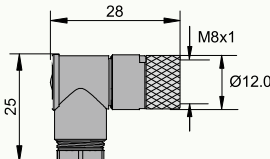
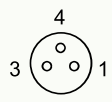
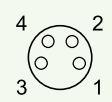
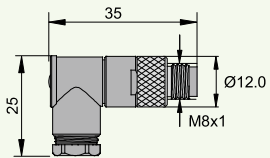
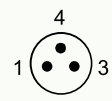
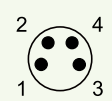
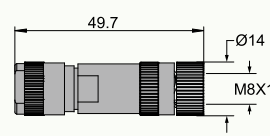
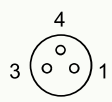
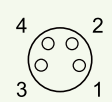
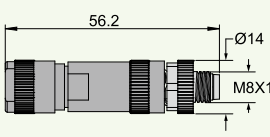
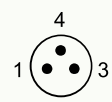
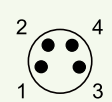
## 3pins/4pins M8 Field wirable connector



Field wireable connector	Type NO.	ID NO.	Features	Pinout
M8x1 Straight Female Screw terminals 	SK3212-0	10091500	PA6+GF,Black/Brass M10 Cable gland Accept 3.5~5mm cable diameter Screw terminals 85°C , 60V, 4 A	
	SK4212-0	10091501	PA6+GF,Black/Brass M10 Cable gland Accept 3.5~5mm cable diameter Screw terminals 85°C , 60V, 4 A	
M8x1 Straight Male Screw terminals 	SZ3212-0	10091502	PA6+GF,Black/Brass M10 Cable gland Accept 3.5~5mm cable diameter Screw terminals 85°C , 60V, 4 A	
	SZ4212-0	10091503	PA6+GF,Black/Brass M10 Cable gland Accept 3.5~5mm cable diameter Screw terminals 85°C , 60V, 4 A	
M8x1 Straight Female Solder cup 	SK3212-0/L	10093040	PA6+GF,Black/Brass M10 Cable gland Accept 3.5~5mm cable diameter Solder cup 85°C , 60V, 4 A	
	SK4212-0/L	10091505	PA6+GF,Black/Brass M10 Cable gland Accept 3.5~5mm cable diameter Solder cup 85°C , 60V, 4 A	
M8x1 Straight Male Solder cup 	SZ3212-0/L	10091506	PA6+GF,Black/Brass M10 Cable gland Accept 3.5~5mm cable diameter Solder cup 85°C , 60V, 4 A	
	SZ4212-0/L	10091507	PA6+GF,Black/Brass M10 Cable gland Accept 3.5~5mm cable diameter Solder cup 85°C , 60V, 4 A	

## 3pins/4pins M8 Field wirable connector



Field wireable connector	Type NO.	ID NO.	Features	Pinout
<b>M8x1</b> Right angle Female Solder cup 	SLK3212-0/L	10091508	PA6+GF,Black/Brass M10 Cable gland Accept 3.5~5mm cable diameter Solder cup 85°C , 60V, 4 A	
	SLK4212-0/L	10091509	PA6+GF,Black/Brass M10 Cable gland Accept 3.5~5mm cable diameter Solder cup 85°C , 60V, 4 A	
<b>M8x1</b> Right angle Male Solder cup 	SLZ3212-0/L	10091510	PA6+GF,Black/Brass M10 Cable gland Accept 3.5~5mm cable diameter Solder cup 85°C , 60V, 4 A	
	SLZ4212-0/L	10091511	PA6+GF,Black/Brass M10 Cable gland Accept 3.5~5mm cable diameter Solder cup 85°C , 60V, 4 A	
	SK3218-0/7	10093093	PA6+GF,Black/Brass PG7 Cable gland Accept 4~6mm cable diameter Solder cup 85°C , 30V, 4 A	
	SK4218-0/7	10093092	PA6+GF,Black/Brass PG7 Cable gland Accept 4~6mm cable diameter Solder cup 85°C , 30V, 4 A	
	SZ3218-0/7	10093094	PA6+GF,Black/Brass PG7 Cable gland Accept 4~6mm cable diameter Solder cup 85°C , 30V, 4 A	
	SZ4218-0/7	10093091	PA6+GF,Black/Brass PG7 Cable gland Accept 4~6mm cable diameter Solder cup 85°C , 30V, 4 A	

# M8 front mount receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout																
<p>M8x1 Front mount with wire Female</p>	FSK32-0.5/M8	10043000	3x24AWG (3x0.25mm <sup>2</sup> ) PVC 105°C 60 4A	<p>1.BN 3.BU 4.BK</p>																
	FSK32-1.0/M8	10043112																		
		FSK42-0.5/M8	10043010	4x24AWG (4x0.25mm <sup>2</sup> ) PVC 105°C 60 4A	<p>1.BN 2.WH 3.BU 4.BK</p>															
		FSK42-1.0/M8	10043128																	
<p>M8x1 Front mount with Solder Cups Female</p>	FSK32-L/M8	10043117	Accept 22AWG (0.34mm <sup>2</sup> ) max 105°C 30V 4A																	
	FSK42-L/M8	10043118																		
		FSK32-P/M8	10043002	3xØ0.6mm 105°C 30V 4A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1.75</td> <td>0.00</td> </tr> <tr> <td>2</td> <td>-</td> <td>-</td> </tr> <tr> <td>3</td> <td>-1.75</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>0.00</td> <td>1.75</td> </tr> </tbody> </table>		X	Y	1	1.75	0.00	2	-	-	3	-1.75	0.00	4	0.00	1.75
			X			Y														
1	1.75	0.00																		
2	-	-																		
3	-1.75	0.00																		
4	0.00	1.75																		
FSK42-P/M8	10043132	4xØ0.6mm 105°C 30V 4A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1.70</td> <td>-0.50</td> </tr> <tr> <td>2</td> <td>1.08</td> <td>1.45</td> </tr> <tr> <td>3</td> <td>-1.70</td> <td>-0.50</td> </tr> <tr> <td>4</td> <td>-1.08</td> <td>1.45</td> </tr> </tbody> </table>		X	Y	1	1.70	-0.50	2	1.08	1.45	3	-1.70	-0.50	4	-1.08	1.45		
	X	Y																		
1	1.70	-0.50																		
2	1.08	1.45																		
3	-1.70	-0.50																		
4	-1.08	1.45																		

# M8 front mount receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout																					
<b>M8x1 Front mount with wire Female</b> 	FSBK52-0.5/M8	10048107	5x22AWG(5x0.34mm <sup>2</sup> ) PVC 105°C 30V 3A																						
	FSBK52-1.0/M8	10048108																							
<b>M8x1 Front mount with Solder Cups Female</b> 	FSBK52-L/M8	10048109	Accept 22AWG (0.34mm <sup>2</sup> )max 105°C 30V 3A																						
	FSK62-L/M8	10048112																							
<b>M8x1 Front Mount with PCB Pins Female</b> 	FSBK52-P/M8	10048120	5xØ0.6mm 105°C 30V 3A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1.7</td> <td>-0.35</td> </tr> <tr> <td>2</td> <td>0.975</td> <td>1.45</td> </tr> <tr> <td>3</td> <td>-1.7</td> <td>-0.35</td> </tr> <tr> <td>4</td> <td>-0.975</td> <td>1.45</td> </tr> <tr> <td>5</td> <td>0</td> <td>-1.35</td> </tr> </tbody> </table>		X	Y	1	1.7	-0.35	2	0.975	1.45	3	-1.7	-0.35	4	-0.975	1.45	5	0	-1.35			
		X			Y																				
1	1.7	-0.35																							
2	0.975	1.45																							
3	-1.7	-0.35																							
4	-0.975	1.45																							
5	0	-1.35																							
FSK62-P/M8	10048113		6xØ0.6mm 105°C 24V 1A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1.37</td> <td>-1.32</td> </tr> <tr> <td>2</td> <td>-1.37</td> <td>-1.32</td> </tr> <tr> <td>3</td> <td>-1.75</td> <td>0.74</td> </tr> <tr> <td>4</td> <td>0</td> <td>1.90</td> </tr> <tr> <td>5</td> <td>1.75</td> <td>0.74</td> </tr> <tr> <td>6</td> <td>0</td> <td>0</td> </tr> </tbody> </table>		X	Y	1	1.37	-1.32	2	-1.37	-1.32	3	-1.75	0.74	4	0	1.90	5	1.75	0.74	6	0	0
	X	Y																							
1	1.37	-1.32																							
2	-1.37	-1.32																							
3	-1.75	0.74																							
4	0	1.90																							
5	1.75	0.74																							
6	0	0																							

# Ø8 front mount receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout															
<p>Ø8x1 Front mount with wire Male</p>	FSZ32-0.5/M8	10043100	3x24AWG(3x0.25mm <sup>2</sup> )																
	FSZ32-1.0/M8	10043101	PVC 105°C 60V 4A																
	FSZ42-0.5/M8	10043110	4x24AWG(4x0.25mm <sup>2</sup> )																
	FSZ42-1.0/M8	10043111	PVC 105°C 30V 4A																
<p>Ø8x1 Front mount with Solder Cups Male</p>	FSZ32-L/M8	10043119	Accept 22AWG (0.34mm <sup>2</sup> )max																
			105°C 60V 4A																
	FSZ42-L/M8	10043120	Accept 22AWG (0.34mm <sup>2</sup> )max																
			105°C 30V 4A																
<p>Ø8x1 Front Mount with PCB Pins Male</p>	FSZ32-P/M8	10043102	3XØ0.6mm	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-1.75</td> <td>0.00</td> </tr> <tr> <td>2</td> <td>-</td> <td>-</td> </tr> <tr> <td>3</td> <td>1.75</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>0.00</td> <td>1.75</td> </tr> </tbody> </table>		X	Y	1	-1.75	0.00	2	-	-	3	1.75	0.00	4	0.00	1.75
		X	Y																
1	-1.75	0.00																	
2	-	-																	
3	1.75	0.00																	
4	0.00	1.75																	
			105°C 60V 4A																
	FSZ42-P/M8	10043127	4XØ0.6mm	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-1.70</td> <td>-0.50</td> </tr> <tr> <td>2</td> <td>-1.08</td> <td>1.45</td> </tr> <tr> <td>3</td> <td>1.70</td> <td>-0.50</td> </tr> <tr> <td>4</td> <td>1.08</td> <td>1.45</td> </tr> </tbody> </table>		X	Y	1	-1.70	-0.50	2	-1.08	1.45	3	1.70	-0.50	4	1.08	1.45
		X	Y																
1	-1.70	-0.50																	
2	-1.08	1.45																	
3	1.70	-0.50																	
4	1.08	1.45																	
			105°C 30V 4A																

## Ø8 front mount receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout																				
<p>Ø8x1 Front mount with wire Male</p>	FSBZ52-0.5/M8	10048121	5x22AWG(5x0.34mm <sup>2</sup> ) PVC 105°C 30V 3A	<ul style="list-style-type: none"> <li>1.BN</li> <li>2.WH</li> <li>3.BU</li> <li>4.BK</li> <li>5.GY</li> </ul>																				
	FSBZ52-1.0/M8	10048122																						
	FSZ62-0.5/M8	10048130	6x26AWG(6x0.14mm <sup>2</sup> ) PVC 105°C 24V 1A	<ul style="list-style-type: none"> <li>1.BN</li> <li>2.WH</li> <li>3.BU</li> <li>4.BK</li> <li>5.GY</li> <li>6.PK</li> </ul>																				
	FSZ62-1.0/M8	10048131																						
<p>Ø8x1 Front mount with Solder Cups Male</p>	FSBZ52-L/M8	10048123	Accept 22AWG (0.34mm <sup>2</sup> ) max 105°C 30V 3A																					
	FSZ62-L/M8	10048132	Accept 26AWG (0.14mm <sup>2</sup> ) max 105°C 24V 1A																					
<p>Ø8x1 Front Mount with PCB Pins Male</p>	FSBZ52-P/M8	10048124	5XØ0.6mm 105°C 30V 3A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-1.7</td> <td>-0.35</td> </tr> <tr> <td>2</td> <td>-0.975</td> <td>1.45</td> </tr> <tr> <td>3</td> <td>1.7</td> <td>-0.35</td> </tr> <tr> <td>4</td> <td>0.975</td> <td>1.45</td> </tr> <tr> <td>5</td> <td>0</td> <td>-1.35</td> </tr> </tbody> </table>		X	Y	1	-1.7	-0.35	2	-0.975	1.45	3	1.7	-0.35	4	0.975	1.45	5	0	-1.35		
		X	Y																					
1	-1.7	-0.35																						
2	-0.975	1.45																						
3	1.7	-0.35																						
4	0.975	1.45																						
5	0	-1.35																						
FSZ62-P/M8	10048133	6XØ0.6mm 105°C 24V 1A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-1.37</td> <td>-1.32</td> </tr> <tr> <td>2</td> <td>1.37</td> <td>-1.32</td> </tr> <tr> <td>3</td> <td>1.75</td> <td>0.74</td> </tr> <tr> <td>4</td> <td>0</td> <td>1.90</td> </tr> <tr> <td>5</td> <td>-1.75</td> <td>0.74</td> </tr> <tr> <td>6</td> <td>0</td> <td>0</td> </tr> </tbody> </table>		X	Y	1	-1.37	-1.32	2	1.37	-1.32	3	1.75	0.74	4	0	1.90	5	-1.75	0.74	6	0	0
	X	Y																						
1	-1.37	-1.32																						
2	1.37	-1.32																						
3	1.75	0.74																						
4	0	1.90																						
5	-1.75	0.74																						
6	0	0																						

# Ø8 front mount receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout														
<p>Ø8x1 Front mount with wire Male</p>	FRZ32-0.5/M8	10043133	3x24AWG(3x0.25mm <sup>2</sup> ) PVC 105°C 60V 4A	<p>1.BN 3.BU 4.BK</p>														
	FRZ32-1.0/M8	10043134																
<p>Ø8x1 Front mount with Solder Cups Male</p>	FRZ42-0.5/M8	10043130	4x24AWG(4x0.25mm <sup>2</sup> ) PVC 105°C 30V 4A	<p>1.BN 2.WH 3.BU 4.BK</p>														
	FRZ42-1.0/M8	10043131																
<p>Ø8x1 Front Mount with PCB Pins Male</p>	FRZ32-L/M8	10043135	Accept 22AWG (0.34mm <sup>2</sup> )max 105°C 60V 4A															
	FRZ32-P/M8	10043137	3XØ0.6mm 105°C 60V 4A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-1.75</td> <td>0.00</td> </tr> <tr> <td>2</td> <td>-</td> <td>-</td> </tr> <tr> <td>3</td> <td>1.75</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>0.00</td> <td>1.75</td> </tr> </tbody> </table>		X	Y	1	-1.75	0.00	2	-	-	3	1.75	0.00	4	0.00
	X	Y																
1	-1.75	0.00																
2	-	-																
3	1.75	0.00																
4	0.00	1.75																
<p>Ø8x1 Front Mount with PCB Pins Male</p>	FRZ42-L/M8	10043136	Accept 22AWG (0.34mm <sup>2</sup> )max 105°C 30V 4A															
	FRZ42-P/M8	10043138	4XØ0.6mm 105°C 30V 4A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-1.70</td> <td>-0.50</td> </tr> <tr> <td>2</td> <td>-1.08</td> <td>1.45</td> </tr> <tr> <td>3</td> <td>1.70</td> <td>-0.50</td> </tr> <tr> <td>4</td> <td>1.08</td> <td>1.45</td> </tr> </tbody> </table>		X	Y	1	-1.70	-0.50	2	-1.08	1.45	3	1.70	-0.50	4	1.08
	X	Y																
1	-1.70	-0.50																
2	-1.08	1.45																
3	1.70	-0.50																
4	1.08	1.45																

# M8 front mount receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout															
<p>Ø8x1 Rear mount with wire Male</p>	FSZ31-0.5/M8	10043139	3x24AWG(3x0.25mm <sup>2</sup> ) PVC 105°C 60V 4A	<p>1.BN 3.BU 4.BK</p>															
	FSZ31-1.0/M8	10043140																	
<p>Ø8x1 Rear mount with Solder Cups Male</p>	FSZ41-0.5/M8	10043141	4x24AWG(4x0.25mm <sup>2</sup> ) PVC 105°C 30V 4A	<p>1.BN 2.WH 3.BU 4.BK</p>															
	FSZ41-1.0/M8	10043142																	
<p>Ø8x1 Rear mount with Solder Cups Male</p>	FSZ31-L/M8	10043143	Accept 22AWG (0.34mm <sup>2</sup> ) max 105°C 60V 4A																
	FSZ41-L/M8	10043123	Accept 22AWG (0.34mm <sup>2</sup> ) max 105°C 30V 4A																
<p>Ø8x1 Rear Mount with PCB Pins Male</p>	FSZ31-P/M8	10043144	3XØ0.6mm 105°C 60V 4A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-1.75</td> <td>0.00</td> </tr> <tr> <td>2</td> <td>-</td> <td>-</td> </tr> <tr> <td>3</td> <td>1.75</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>0.00</td> <td>1.75</td> </tr> </tbody> </table>		X	Y	1	-1.75	0.00	2	-	-	3	1.75	0.00	4	0.00	1.75
		X	Y																
1	-1.75	0.00																	
2	-	-																	
3	1.75	0.00																	
4	0.00	1.75																	
FSZ41-P/M8	10043124	4XØ0.6mm 105°C 30V 4A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-1.70</td> <td>-0.50</td> </tr> <tr> <td>2</td> <td>-1.08</td> <td>1.45</td> </tr> <tr> <td>3</td> <td>1.70</td> <td>-0.50</td> </tr> <tr> <td>4</td> <td>1.08</td> <td>1.45</td> </tr> </tbody> </table>		X	Y	1	-1.70	-0.50	2	-1.08	1.45	3	1.70	-0.50	4	1.08	1.45	
	X	Y																	
1	-1.70	-0.50																	
2	-1.08	1.45																	
3	1.70	-0.50																	
4	1.08	1.45																	



# M8 front mount receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout																				
<p>Ø8x1 Rear mount with wire Male</p>	FSBZ51-0.5/M8	10043149	5x22AWG(5x0.34mm <sup>2</sup> ) PVC 105°C 30V 3A	<p>1.BN 2.WH 3.BU 4.BK 5.GY</p>																				
	FSBZ51-1.0/M8	10048141																						
	FSZ61-0.5/M8	10048150	6x26AWG(6x0.14mm <sup>2</sup> ) PVC 105°C 24V 1A	<p>1.BN 2.WH 3.BU 4.BK 5.GY 6.PK</p>																				
	FSZ61-1.0/M8	10048151																						
<p>Ø8x1 Rear mount with Solder Cups Male</p>	FSBZ51-L/M8	10048116	Accept 22AWG (0.34mm <sup>2</sup> )max 105°C 30V 3A																					
	FSZ61-L/M8	10048152	Accept 26AWG (0.14mm <sup>2</sup> )max 105°C 24V 1A																					
<p>Ø8x1 Rear Mount with PCB Pins Male</p>	FSBZ51-P/M8	10048143	5XØ0.6mm 105°C 30V 3A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-1.7</td> <td>-0.35</td> </tr> <tr> <td>2</td> <td>-0.975</td> <td>1.45</td> </tr> <tr> <td>3</td> <td>1.7</td> <td>-0.35</td> </tr> <tr> <td>4</td> <td>0.975</td> <td>1.45</td> </tr> <tr> <td>5</td> <td>0</td> <td>-1.35</td> </tr> </tbody> </table>		X	Y	1	-1.7	-0.35	2	-0.975	1.45	3	1.7	-0.35	4	0.975	1.45	5	0	-1.35		
		X	Y																					
1	-1.7	-0.35																						
2	-0.975	1.45																						
3	1.7	-0.35																						
4	0.975	1.45																						
5	0	-1.35																						
FSZ61-P/M8	10048153	6XØ0.6mm 105°C 24V 1A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-1.37</td> <td>-1.32</td> </tr> <tr> <td>2</td> <td>1.37</td> <td>-1.32</td> </tr> <tr> <td>3</td> <td>1.75</td> <td>0.74</td> </tr> <tr> <td>4</td> <td>0</td> <td>1.90</td> </tr> <tr> <td>5</td> <td>-1.75</td> <td>0.74</td> </tr> <tr> <td>6</td> <td>0</td> <td>0</td> </tr> </tbody> </table>		X	Y	1	-1.37	-1.32	2	1.37	-1.32	3	1.75	0.74	4	0	1.90	5	-1.75	0.74	6	0	0
	X	Y																						
1	-1.37	-1.32																						
2	1.37	-1.32																						
3	1.75	0.74																						
4	0	1.90																						
5	-1.75	0.74																						
6	0	0																						