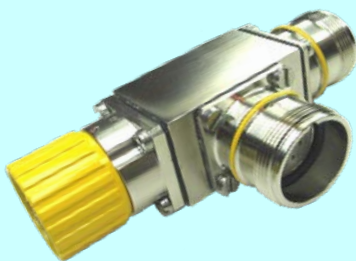


**Flange Couplers**  
**Pages D-B-01 to D-B-15**



**Straight Couplers**  
**Pages D-C-01 to D-C-10**



**T-Couplers**  
**Pages D-D-01 to D-D-07**



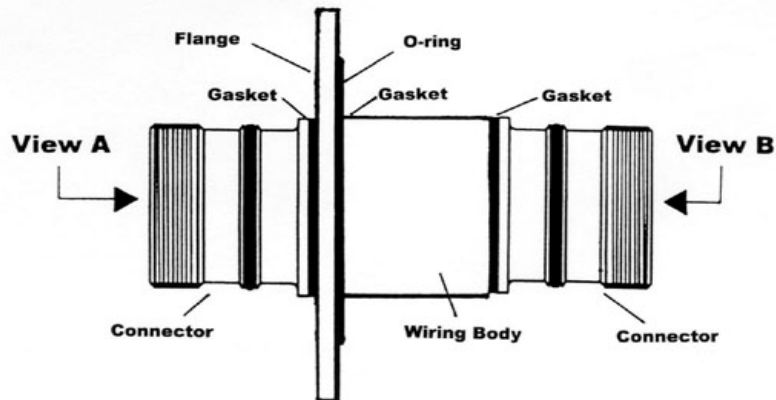
**Elbow Couplers**  
**Pages D-E-01 to D-E-07**

## Flange Couplers

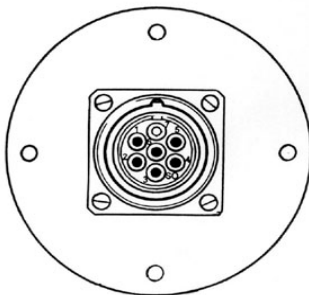
rear mount - front mount - metal flange - plastic flange



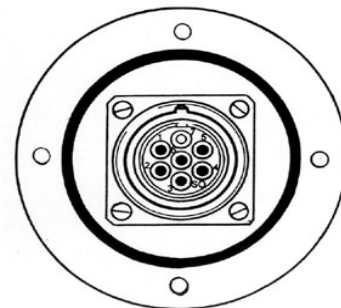
### Description - Features - Technical Data - Electrical Data



View A



View B



Housing material:	CuZn, nickel plated (brass)
Connector insert:	Thermoplastic polyester (UL 94V-0)
Flange material:	CuZn, nickel plated (brass)
Flange material:	Delrin, black (plastic flange)
Contact material:	CuZn, hard gold plated
Gasket material:	Neoprene
Temperature:	-40 + 125 C / -40 + 257 F
Protection class:	IP 67 (mated)
Inside wiring:	1 : 1
Positions:	6, 7, 8, 9, 12, 16, 17, 19 male or female
Thread sizes:	M 23 (metric)
Inside wiring:	1.0 mm contacts 22AWG (0.34 mm <sup>2</sup> )
	1.5 mm contacts 20AWG (0.50 mm <sup>2</sup> )
	2.0 mm contacts 18AWG (0.75 mm <sup>2</sup> )

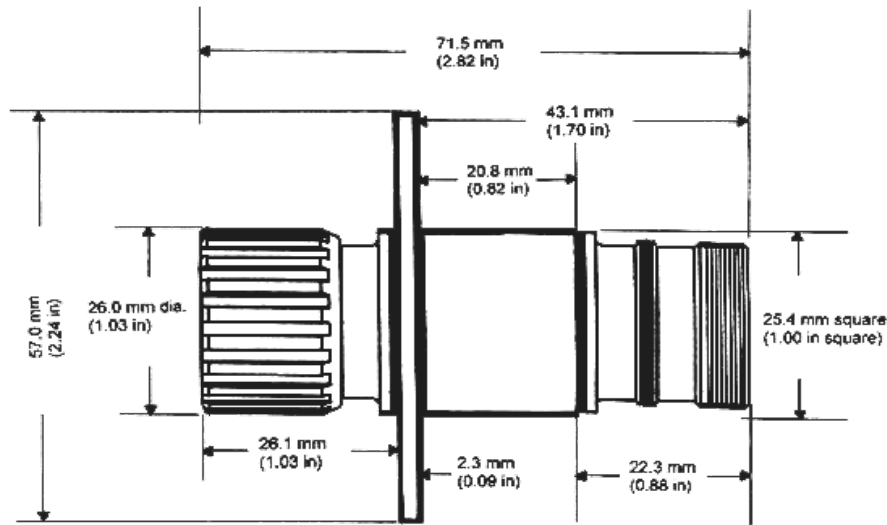
## Flange Couplers

rear mount - front mount - metal flange - plastic flange



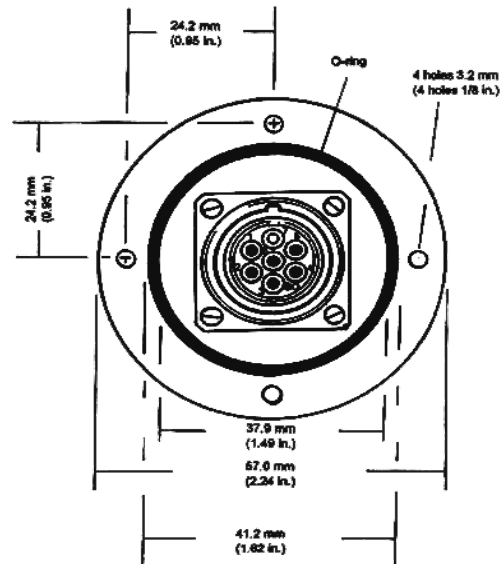
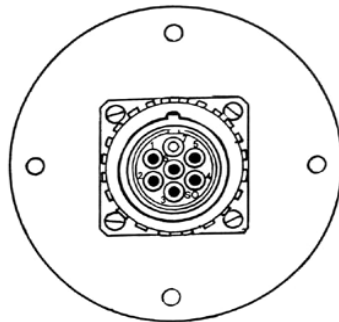
### Dimensions - Total View - Front View - Rear View

Total View



Rear View

Front View

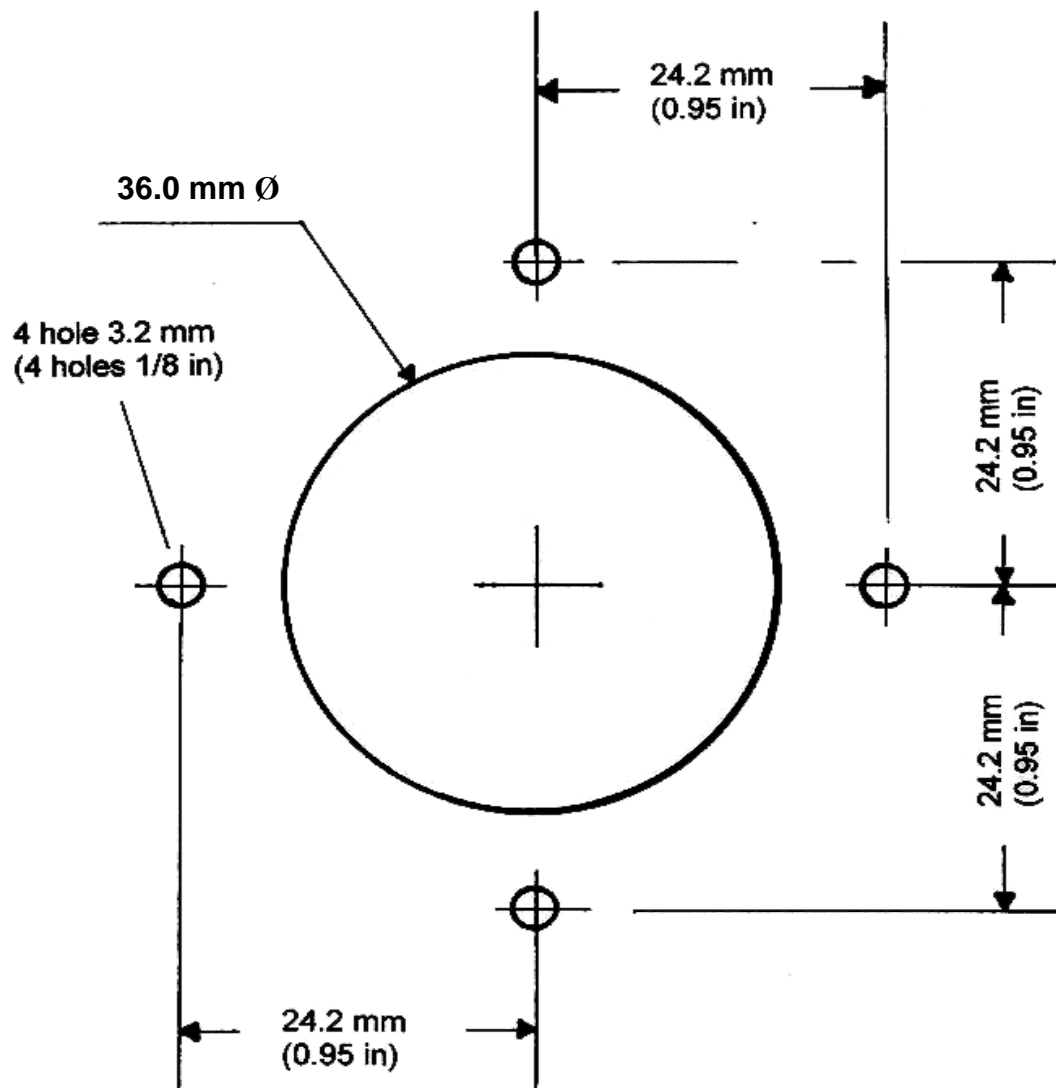


## Flange Couplers

rear mount - front mount - metal flange - plastic flange



### Drill Template for Panel Cutouts



Flange Couplers

rear mount - front mount - metal flange - plastic flange



Part Number System (Example) - Flange Orientation

R	M	L	-	x	x	x	x	-	x	x	x	x	-	x	x	x	-	x	x
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

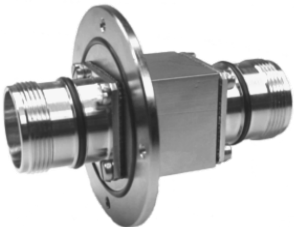
R M L Flange coupler with Coninvers Data Connector  
Metal flange O-ring facing to the right



R P L Flange coupler with Coninvers Data Connector  
Plastic flange O-ring facing to the right

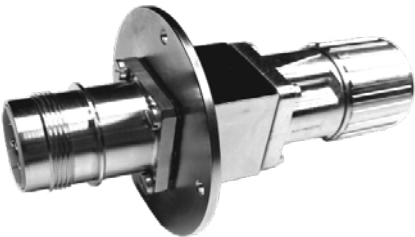


R M R Flange coupler with Coninvers Data Connector  
Metal flange O-ring facing to the left



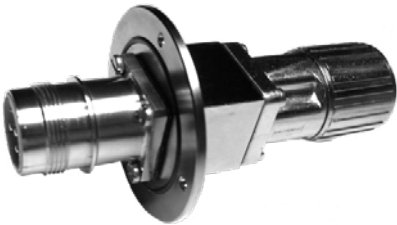
R P R Flange coupler with Coninvers Data Connector  
Plastic flange O-ring facing to the left

S M L Flange coupler with Coninvers Power Connector  
Metal flange O-ring facing to the right



S P L Flange coupler with Coninvers Power Connector  
Plastic flange O-ring facing to the right

S M R Flange coupler with Coninvers Power Connector  
Metal flange O-ring facing to the left



S P R Flange coupler with Coninvers Power Connector  
Plastic flange O-ring facing to the left

# Flange Couplers

rear/front mount - metal/plastic flange



## Part Number System (Example) - Connector left side of coupler

X X X - 0 6 F 2 - X X X X - X X X - X X

	06 position female Data Connector		Please fill in to continue the part number 0 6 F Y		Please fill in to continue the part number 0 6 F 2
	06 position male Data Connector		Please fill in to continue the part number 0 6 M Y		Please fill in to continue the part number 0 6 M 2
	07 position female Data Connector		Please fill in to continue the part number 0 7 F Y		Please fill in to continue the part number 0 7 F 2
	07 position male Data Connector		Please fill in to continue the part number 0 7 M Y		Please fill in to continue the part number 0 7 M 2
	09 position female Data Connector		Please fill in to continue the part number 0 9 F Y		Please fill in to continue the part number 0 9 F 2
	09 position male Data Connector		Please fill in to continue the part number 0 9 M Y		Please fill in to continue the part number 0 9 M 2
	6+3 position female Data Connector		Please fill in to continue the part number 6 3 F Y		Please fill in to continue the part number 6 3 F 2
	6+3 position male Data Connector		Please fill in to continue the part number 6 3 M Y		Please fill in to continue the part number 6 3 M 2
	12 position female Data Connector		Please fill in to continue the part number 1 2 F Y		Please fill in to continue the part number 1 2 F 2
	12 position male Data Connector		Please fill in to continue the part number 1 2 M Y		Please fill in to continue the part number 1 2 M 2

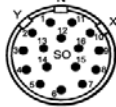


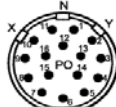





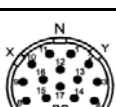


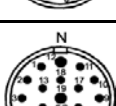


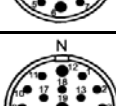


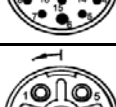

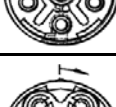

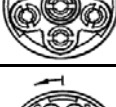

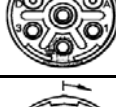

# Flange Couplers

rear/front mount - metal/plastic flange



## Part Number System (Example) - Connector **left side** of coupler

X X X - **0 6 F 2** - X X X X - X X X - X X

	16 position female Data Connector		Please fill in to continue the part number 1 6 F Y		Please fill in to continue the part number 1 6 F 2
	16 position male Data Connector		Please fill in to continue the part number 1 6 M Y		Please fill in to continue the part number 1 6 M 2
	17 position female Data Connector		Please fill in to continue the part number 1 7 F Y		Please fill in to continue the part number 1 7 F 2
	17 position male Data Connector		Please fill in to continue the part number 1 7 M Y		Please fill in to continue the part number 1 7 M 2
	19 position female Data Connector		Please fill in to continue the part number 1 9 F Y		Please fill in to continue the part number 1 9 F 2
	19 position male Data Connector		Please fill in to continue the part number 1 9 M Y		Please fill in to continue the part number 1 9 M 2
	6 position female Power Connector		Please fill in to continue the part number 5 E F Y		
	6 position male Power Connector				Please fill in to continue the part number 5 E M W
	8 position female Power Connector		Please fill in to continue the part number 7 E F Y		
	8 position male Power Connector				Please fill in to continue the part number 7 E M W

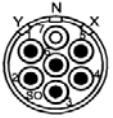











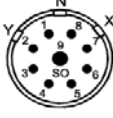


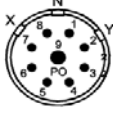





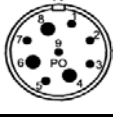


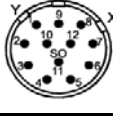







# Flange Couplers

rear/front mount - metal/plastic flange



## Part Number System (Example) - Connector right side of coupler

X X X - X X X X -			0 6 M 2		- X X X - X X		
	06 position female Data Connector		Please fill in to continue the part number		Please fill in to continue the part number		
			0 6 F Y		0 6 F 2		
	06 position male Data Connector		Please fill in to continue the part number		Please fill in to continue the part number		
			0 6 M Y		0 6 M 2		
	07 position female Data Connector		Please fill in to continue the part number		Please fill in to continue the part number		
			0 7 F Y		0 7 F 2		
	07 position male Data Connector		Please fill in to continue the part number		Please fill in to continue the part number		
			0 7 M Y		0 7 M 2		
	09 position female Data Connector		Please fill in to continue the part number		Please fill in to continue the part number		
			0 9 F Y		0 9 F 2		
	09 position male Data Connector		Please fill in to continue the part number		Please fill in to continue the part number		
			0 9 M Y		0 9 M 2		
	6+3 position female Data Connector		Please fill in to continue the part number		Please fill in to continue the part number		
			6 3 F Y		6 3 F 2		
	6+3 position male Data Connector		Please fill in to continue the part number		Please fill in to continue the part number		
			6 3 M Y		6 3 M 2		
	12 position female Data Connector		Please fill in to continue the part number		Please fill in to continue the part number		
			1 2 F Y		1 2 F 2		
	12 position male Data Connector		Please fill in to continue the part number		Please fill in to continue the part number		
			1 2 M Y		1 2 M 2		







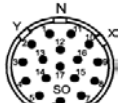


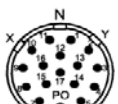


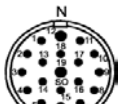


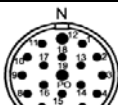






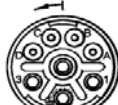





# Flange Couplers

rear/front mount - metal/plastic flange



## Part Number System (Example) - Connector right side of coupler

X X X - X X X X - 0 6 M 2 - X X X - X X									
	16 position female Data Connector		Please fill in to continue the part number 1 6 F Y		Please fill in to continue the part number 1 6 F 2				
	16 position male Data Connector		Please fill in to continue the part number 1 6 M Y		Please fill in to continue the part number 1 6 M 2				
	17 position female Data Connector		Please fill in to continue the part number 1 7 F Y		Please fill in to continue the part number 1 7 F 2				
	17 position male Data Connector		Please fill in to continue the part number 1 7 M Y		Please fill in to continue the part number 1 7 M 2				
	19 position female Data Connector		Please fill in to continue the part number 1 9 F Y		Please fill in to continue the part number 1 9 F 2				
	19 position male Data Connector		Please fill in to continue the part number 1 9 M Y		Please fill in to continue the part number 1 9 M 2				
	6 position female Power Connector		Please fill in to continue the part number 5 E F Y						
	6 position male Power Connector				Please fill in to continue the part number 5 E M W				
	8 position female Power Connector		Please fill in to continue the part number 7 E F Y						
	8 position male Power Connector				Please fill in to continue the part number 7 E M W				

## Flange Couplers

rear/front mount - metal/plastic flange



### Part Number System (Example) - Inside Wiring

x x x - x x x x - x x x x - **S T A** - x x

#### Wiring Information

**S T A**

Standard Wiring (see page D-B-01)

**0 2 4**

All pins are wired with 24 AWG (0.25 mm<sup>2</sup>)

**0 2 2**

All pins are wired with 22 AWG (0.34 mm<sup>2</sup>)

**0 2 0**

All pins are wired with 20 AWG (0.50 mm<sup>2</sup>)

**0 1 8**

All pins are wired with 18 AWG (0.75 mm<sup>2</sup>)

**0 1 7**

All pins are wired with 17 AWG (1.00 mm<sup>2</sup>)

**0 1 6**

All pins are wired with 16 AWG (1.50 mm<sup>2</sup>)

**0 1 4**

All pins are wired with 14 AWG (2.50 mm<sup>2</sup>)

**0 1 2**

All pins are wired with 12 AWG (4.00 mm<sup>2</sup>)



**Other combinations are possible, please call.**

Flange Couplers

rear/front mount - metal/plastic flange



Part Number System (Example) - Connector Numbering

X X X - X X X X - X X X X - X X X - C W

C W

Male connectors numbering clockwise



C W

Female connectors numbering counterclockwise



C C

Male connectors numbering counterclockwise



C C

Female connectors numbering clockwise



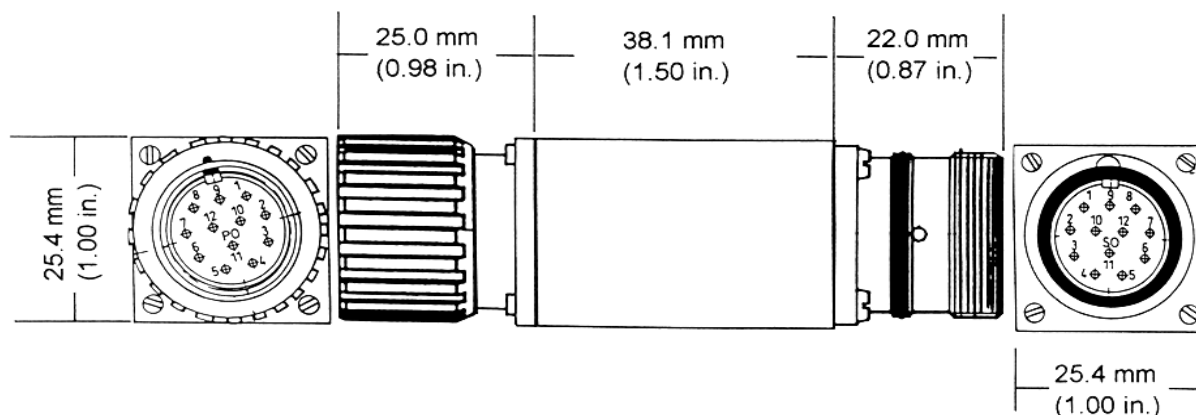
With this information you finished the P/N

# Straight Couplers

## Gender Changers (GC)



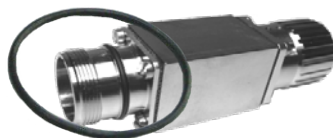
### Description - Features - Technical Data - Electrical Data



Housing material:	CuZn, nickel plated (brass)
Connector insert:	Thermoplastic polyester (UL 94V-0)
Contact material:	CuZn, hard gold plated
Gasket material:	Neoprene
Temperature:	-40 + 125 C (-40 + 257 F)
Protection class:	IP 67 (mated)
Inside wiring:	1 : 1
Positions:	6,7,8,9,12,16,17,19 male or female
Thread sizes:	M 23 (metric)
Wires used:	1.0 mm contacts 22AWG (0.34 mm <sup>2</sup> )
	1.5 mm contacts 20AWG (0.50 mm <sup>2</sup> )
	2.0 mm contacts 18AWG (0.75 mm <sup>2</sup> )

# Straight Couplers

## Gender Changers (GC)



### Part Number System (Example) - Connector left side of Coupler

GG - 06F2 - x x x x - x x x - x x

	06 position female Data Connector		Please fill in to continue the part number 0 6 F Y		Please fill in to continue the part number 0 6 F 2
	06 position male Data Connector		Please fill in to continue the part number 0 6 M Y		Please fill in to continue the part number 0 6 M 2
	07 position female Data Connector		Please fill in to continue the part number 0 7 F Y		Please fill in to continue the part number 0 7 F 2
	07 position male Data Connector		Please fill in to continue the part number 0 7 M Y		Please fill in to continue the part number 0 7 M 2
	09 position female Data Connector		Please fill in to continue the part number 0 9 F Y		Please fill in to continue the part number 0 9 F 2
	09 position male Data Connector		Please fill in to continue the part number 0 9 M Y		Please fill in to continue the part number 0 9 M 2
	6+3 position female Data Connector		Please fill in to continue the part number 6 3 F Y		Please fill in to continue the part number 6 3 F 2
	6+3 position male Data Connector		Please fill in to continue the part number 6 3 M Y		Please fill in to continue the part number 6 3 M 2
	12 position female Data Connector		Please fill in to continue the part number 1 2 F Y		Please fill in to continue the part number 1 2 F 2
	12 position male Data Connector		Please fill in to continue the part number 1 2 M Y		Please fill in to continue the part number 1 2 M 2

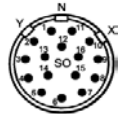


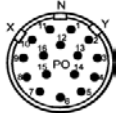


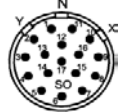


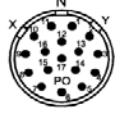


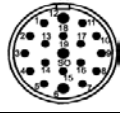

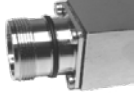
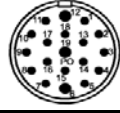



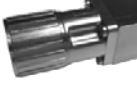






# Straight Couplers

## Gender Changers (GC)



### Part Number System (Example) - Connector left side of Coupler

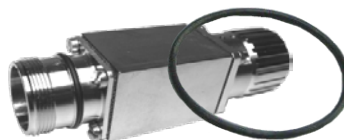
GG - 06F2 - XXXX - XXX - XX

	16 position female Data Connector		Please fill in to continue the part number 1 6 F Y		Please fill in to continue the part number 1 6 F 2
	16 position male Data Connector		Please fill in to continue the part number 1 6 M Y		Please fill in to continue the part number 1 6 M 2
	17 position female Data Connector		Please fill in to continue the part number 1 7 F Y		Please fill in to continue the part number 1 7 F 2
	17 position male Data Connector		Please fill in to continue the part number 1 7 M Y		Please fill in to continue the part number 1 7 M 2
	19 position female Data Connector		Please fill in to continue the part number 1 9 F Y		Please fill in to continue the part number 1 9 F 2
	19 position male Data Connector		Please fill in to continue the part number 1 9 M Y		Please fill in to continue the part number 1 9 M 2
	6 position female Power Connector		Please fill in to continue the part number 5 E F Y		
	6 position male Power Connector				Please fill in to continue the part number 5 E M W
	8 position female Power Connector		Please fill in to continue the part number 7 E F Y		
	8 position male Power Connector				Please fill in to continue the part number 7 E M W



# Straight Couplers

## Gender Changers (GC)



### Part Number System (Example) - Connector right side of Coupler

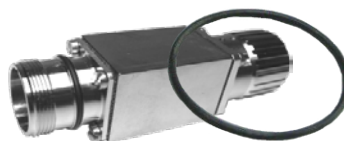
G G - x x x x - 0 6 M 2 - x x x - x x

	06 position female Data Connector		Please fill in to continue the part number 0 6 F Y		Please fill in to continue the part number 0 6 F 2
	06 position male Data Connector		Please fill in to continue the part number 0 6 M Y		Please fill in to continue the part number 0 6 M 2
	07 position female Data Connector		Please fill in to continue the part number 0 7 F Y		Please fill in to continue the part number 0 7 F 2
	07 position male Data Connector		Please fill in to continue the part number 0 7 M Y		Please fill in to continue the part number 0 7 M 2
	09 position female Data Connector		Please fill in to continue the part number 0 9 F Y		Please fill in to continue the part number 0 9 F 2
	09 position male Data Connector		Please fill in to continue the part number 0 9 M Y		Please fill in to continue the part number 0 9 M 2
	6+3 position female Data Connector		Please fill in to continue the part number 6 3 F Y		Please fill in to continue the part number 6 3 F 2
	6+3 position male Data Connector		Please fill in to continue the part number 6 3 M Y		Please fill in to continue the part number 6 3 M 2
	12 position female Data Connector		Please fill in to continue the part number 1 2 F Y		Please fill in to continue the part number 1 2 F 2
	12 position male Data Connector		Please fill in to continue the part number 1 2 M Y		Please fill in to continue the part number 1 2 M 2



# Straight Couplers

## Gender Changers (GC)



### Part Number System (Example) - Connector right side of Coupler

G G - x x x x - 0 6 M 2 - x x x - x x

	16 position female Data Connector		Please fill in to continue the part number 1 6 F Y		Please fill in to continue the part number 1 6 F 2
	16 position male Data Connector		Please fill in to continue the part number 1 6 M Y		Please fill in to continue the part number 1 6 M 2



Part Number System (Example) - Inside Wiring

G G - x x x x - x x x x - S T A - x x

Wiring Information

S T A

Standard Wiring (see page D-C-01)

0 2 4

All pins are wired with 24 AWG (0.25 mm<sup>2</sup>)

0 2 2

All pins are wired with 22 AWG (0.34 mm<sup>2</sup>)

0 2 0

All pins are wired with 20 AWG (0.50 mm<sup>2</sup>)

0 1 8

All pins are wired with 18 AWG (0.75 mm<sup>2</sup>)

0 1 7

All pins are wired with 17 AWG (1.00 mm<sup>2</sup>)

0 1 6

All pins are wired with 16 AWG (1.50 mm<sup>2</sup>)

0 1 4

All pins are wired with 14 AWG (2.50 mm<sup>2</sup>)

0 1 2

All pins are wired with 12 AWG (4.00 mm<sup>2</sup>)

**Other combinations are possible, please call.**

# Straight Couplers

## Gender Changers (GC)



### Part Number System (Example) - Connector Numbering

G G - X X X X - X X X X - X X X - C W

C W

**Male** connectors numbering **clockwise**



C W

**Female** connectors numbering **counterclockwise**



C C

**Male** connectors numbering **counterclockwise**



C C

**Female** connectors numbering **clockwise**



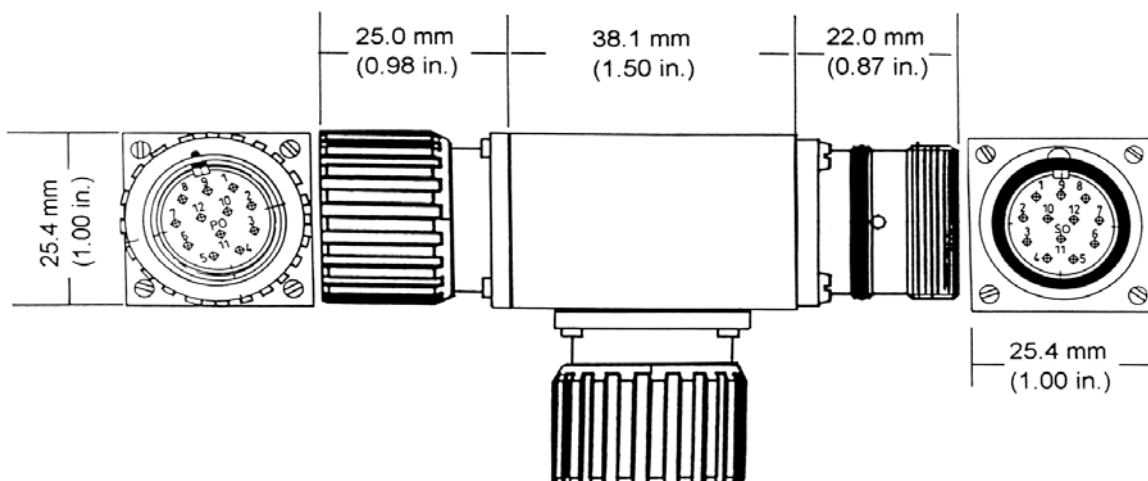
With this information you finished the P/N.

## 3 Way - Couplers

### T-Couplers (Series T1-T8)



#### Features - Technical Data - Electrical Data



Housing material:	CuZn, nickel plated (brass)
Connector insert:	Thermoplastic polyester (UL 94V-0)
Contact material:	CuZn, hard gold plated
Gasket material:	Neoprene
Temperature:	-40 + 125 C (-40 + 257 F)
Protection class:	IP 67 (mated)
Inside wiring:	1 : 1
Positions:	6,7,9,12,16,17,19 male or female
Thread sizes:	M 23 (metric)
Wires used:	1.0 mm contacts 22AWG (0.34 mm <sup>2</sup> ) 1.5 mm contacts 20AWG (0.50 mm <sup>2</sup> ) 2.0 mm contacts 18AWG (0.75 mm <sup>2</sup> )

3 Way - Couplers

T-Couplers (Series T1-T8)



Part Number System (Example) - Body Style

T 1 - x x - x x - x x x - x x x - x x x



Specials.....



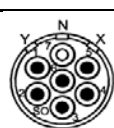
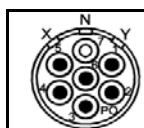
# 3 Way - Couplers

T-Couplers (Series T1-T8)



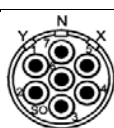
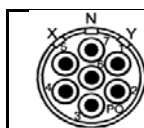
## Part Number System (Example) - Connector Inserts and Positions

X X - 0 6 - X X - X X X - X X X - X X X



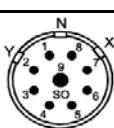
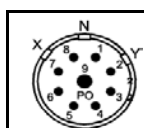
Coupler with 06 position  
Data Connectors male/female

Please fill in  
0 6



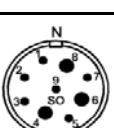
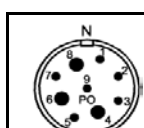
Coupler with 07 position  
Data Connectors male/female

Please fill in  
0 7



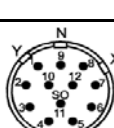
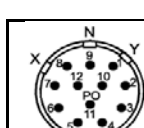
Coupler with 09 position  
Data Connectors male/female

Please fill in  
0 9



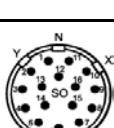
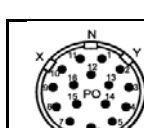
Coupler with 6 + 3 position  
Data Connectors male/female

Please fill in  
6 3



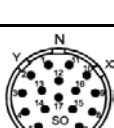
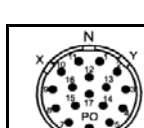
Coupler with 12 position  
Data Connectors male/female

Please fill in  
1 2



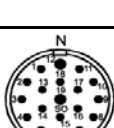
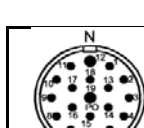
Coupler with 16 position  
Data Connectors male/female

Please fill in  
1 6



Coupler with 17 position  
Data Connectors male/female

Please fill in  
1 7



Coupler with 19 position  
Data Connectors male/female

Please fill in  
1 9

3 Way - Couplers

T-Couplers (Series T1-T8)



Part Number System (Example) - Connector Numbering

X X - X X - C W - X X X - X X X - X X X

C W

Male connectors numbering clockwise



C W

Female connectors numbering counterclockwise



C C

Male connectors numbering counterclockwise



C C

Female connectors numbering clockwise





# 3 Way - Couplers T-Couplers (Series T1-T8)



## Part Number System (Example) - Gender of all three Connectors

X

X

-

X

X

-

X

X

-

M

F

F

-

X

X

X

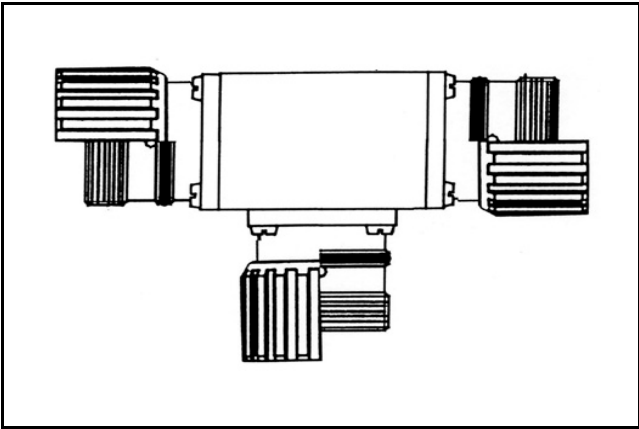
-

X

X

X

Left Gender



Right Gender

Middle Gender

Left Gender	Middle Gender	Right Gender	Please fill in ...
Male Connector	Male Connector	Female Connector	M M F
Male Connector	Male Connector	Male Connector	M M M
Male Connector	Female Connector	Male Connector	M F M
Male Connector	Female Connector	Female Connector	M F F
Female Connntecor	Female Connector	Female Connector	F F F
Female Connntecor	Female Connector	Male Connector	F F M
Female Connntecor	Male Connector	Male Connector	F M M
Female Connntecor	Male Connector	Female Connector	F M F

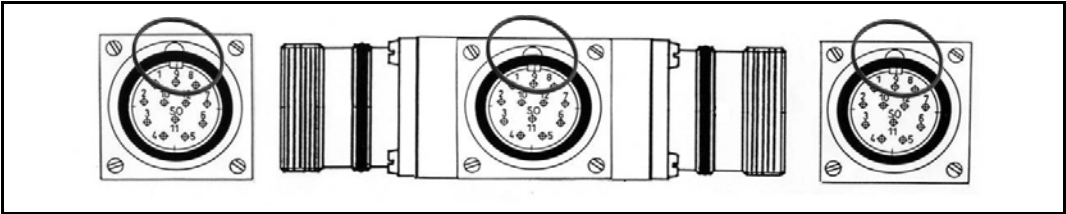
3 Way - Couplers

T-Couplers (Series T1-T8)



Part Number System (Example) - Connector Key Orientation

X X - X X - X X - X X X - N N N - X X X



Left Side

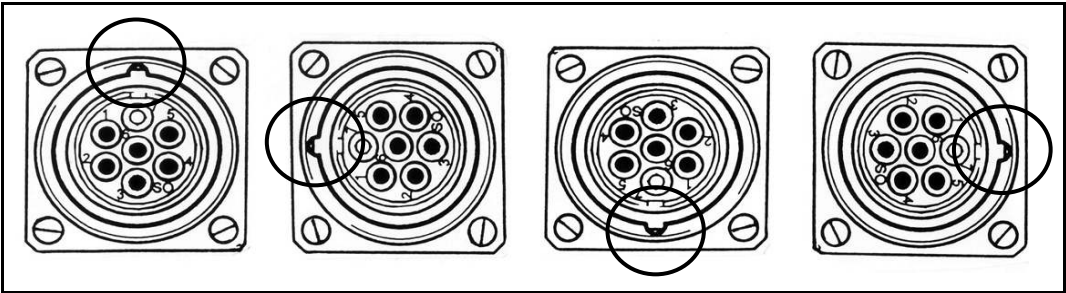
Middle

Right Side

All three connectors of this T-coupler are coded "N" (north) N N N

N	N	N
Left Side	Middle	Right Side

Please choose for each connector (left-middle-right) the desired coding.



coding north "N"      coding west "W"      coding south "S"      coding east "E"

## 3 Way - Couplers

T-Couplers (Series T1-T8)



### Part Number System (Example) - Inside Wiring

X X - X X - X X - X X X - X X X - S T A

### Wiring Information

S T A

Standard Wiring (see page D-D-01)

0 2 4

All pins are wired with 24 AWG (0.25 mm<sup>2</sup>)

0 2 2

All pins are wired with 22 AWG (0.34 mm<sup>2</sup>)

0 2 0

All pins are wired with 20 AWG (0.50 mm<sup>2</sup>)

0 1 8

All pins are wired with 18 AWG (0.75 mm<sup>2</sup>)

0 1 7

All pins are wired with 17 AWG (1.00 mm<sup>2</sup>)

0 1 6

All pins are wired with 16 AWG (1.50 mm<sup>2</sup>)

0 1 4

All pins are wired with 14 AWG (2.50 mm<sup>2</sup>)

0 1 2

All pins are wired with 12 AWG (4.00 mm<sup>2</sup>)

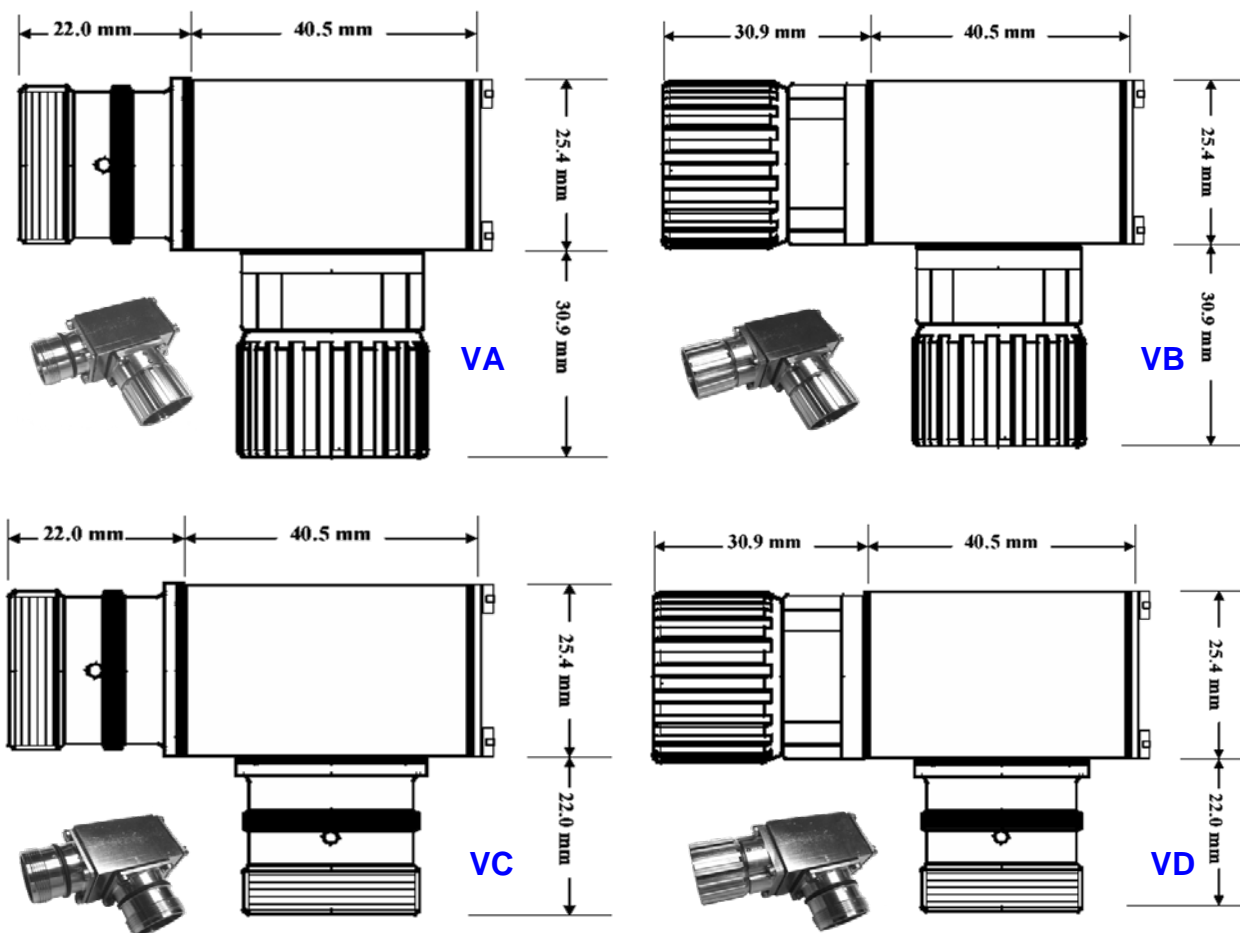
**Other combinations are possible, please call.**

## Elbow Couplers

Elbow-Couplers (Series VA, VB, VC, VD)



### Features - Technical Data - Electrical Data

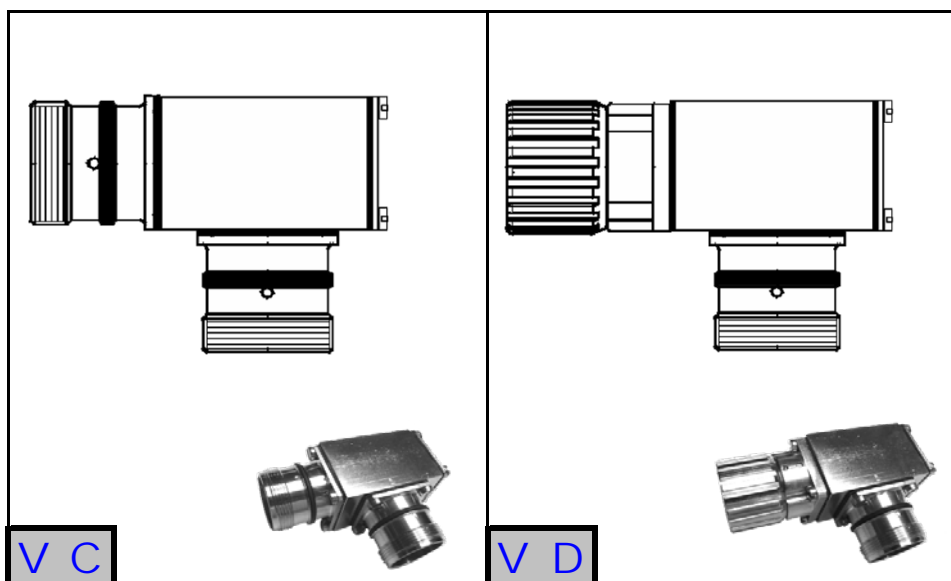
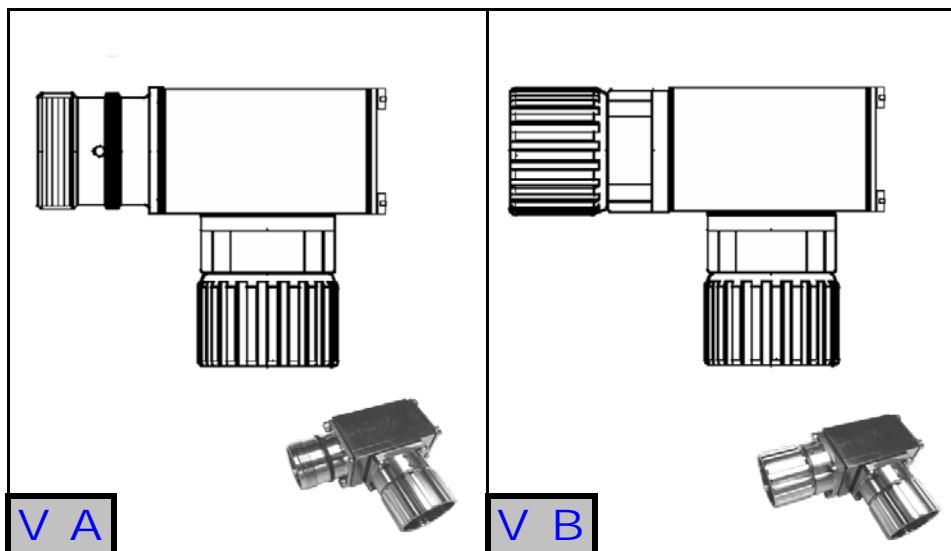


Housing material:	CuZn, nickel plated (brass)
Connector insert:	Thermoplastic polyester (UL 94V-0)
Contact material:	CuZn, hard gold plated
Gasket material:	Neoprene
Temperature:	-40 + 125 C (-40 + 257 F)
Protection class:	IP 67 (mated)
Inside wiring:	1 : 1
Positions:	6,7,9,12,16,17,19 male or female
Thread sizes:	M 23 (metric)
Wires used:	1.0 mm contacts 22AWG (0.34 mm <sup>2</sup> ) 1.5 mm contacts 20AWG (0.50 mm <sup>2</sup> ) 2.0 mm contacts 18AWG (0.75 mm <sup>2</sup> )

## Elbow-Couplers (Series VA, VB, VC, VD)



V A - X X - X X - X X - X X X - X X



# Elbow Couplers

Elbow-Couplers (Series VA, VB, VC, VD)



## Part Number System (Example) - Connector Inserts and Positions

X X - **0 6** - X X - X X - X X X - X X

		Coupler with 06 position Data Connectors male/female	Please fill in <b>0 6</b>
--	--	---	------------------------------

		Coupler with 07 position Data Connectors male/female	Please fill in <b>0 7</b>
--	--	---	------------------------------

		Coupler with 09 position Data Connectors male/female	Please fill in <b>0 9</b>
--	--	---	------------------------------

		Coupler with 6 + 3 position Data Connectors male/female	Please fill in <b>6 3</b>
--	--	--	------------------------------

		Coupler with 12 position Data Connectors male/female	Please fill in <b>1 2</b>
--	--	---	------------------------------

		Coupler with 16 position Data Connectors male/female	Please fill in <b>1 6</b>
--	--	---	------------------------------

		Coupler with 17 position Data Connectors male/female	Please fill in <b>1 7</b>
--	--	---	------------------------------

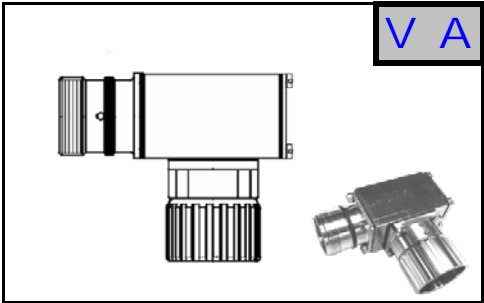
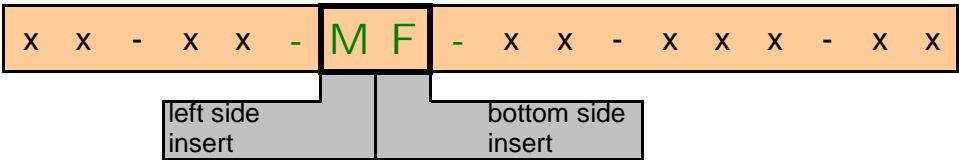
		Coupler with 19 position Data Connectors male/female	Please fill in <b>1 9</b>
--	--	---	------------------------------

Elbow Couplers

Elbow-Couplers (Series VA, VB, VC, VD)



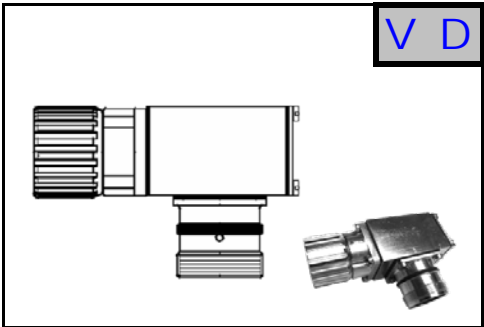
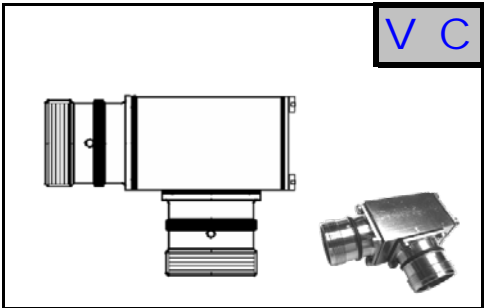
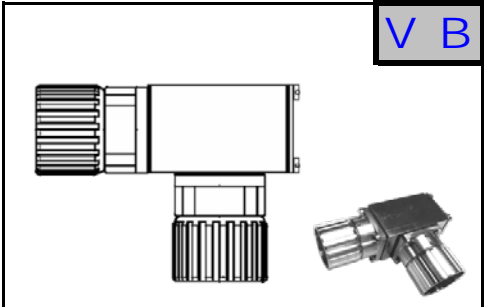
Part Number System (Example) - Connector Gender of the inserts



Connector Insert.....

- |               |               |
|---------------|---------------|
| Bottom male   | • Left male   |
| Bottom male   | • Left female |
| Bottom female | • Left male   |
| Bottom female | • Left female |

M	M
F	M
M	F
F	F



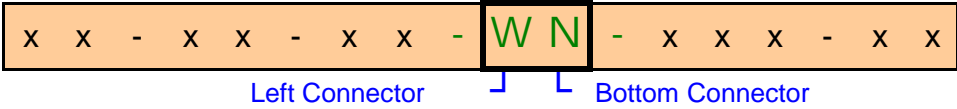


Elbow Couplers

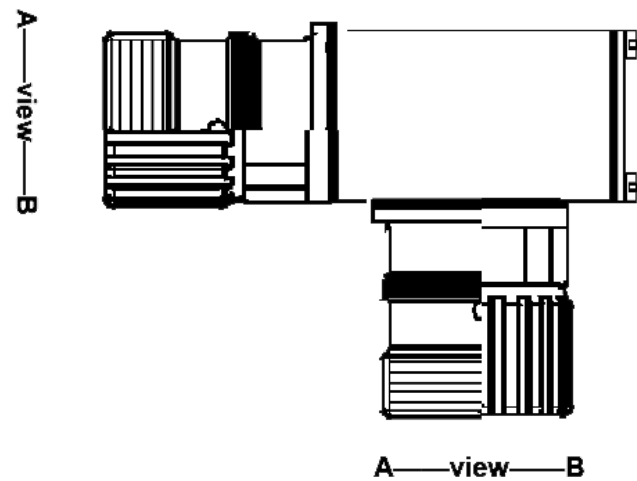
Elbow-Couplers (Series VA, VB, VC, VD)



Part Number System (Example) - Connector Key Orientation

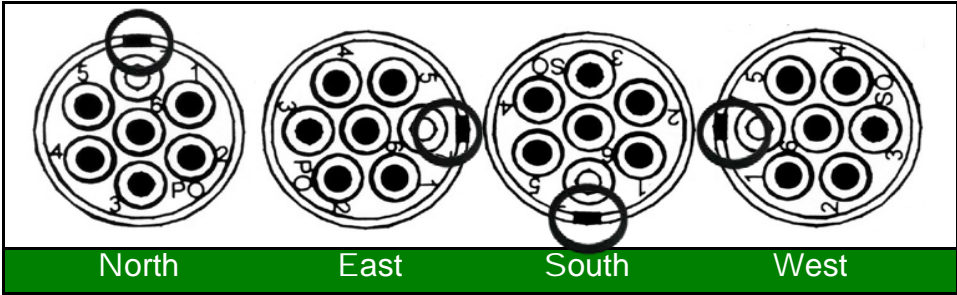


View to the left side connector



View to the bottom side connector

Keyways looking into the connectors (View A---B)



## Elbow Couplers

Elbow-Couplers (Series VA, VB, VC, VD)



### Part Number System (Example) - Inside Wiring

X X - X X - X X - X X - S T A - X X

#### Wiring Information

S T A

Standard Wiring (see page D-E-01)

0 2 4

All pins are wired with 24 AWG (0.25 mm<sup>2</sup>)

0 2 2

All pins are wired with 22 AWG (0.34 mm<sup>2</sup>)

0 2 0

All pins are wired with 20 AWG (0.50 mm<sup>2</sup>)

0 1 8

All pins are wired with 18 AWG (0.75 mm<sup>2</sup>)

0 1 7

All pins are wired with 17 AWG (1.00 mm<sup>2</sup>)

0 1 6

All pins are wired with 16 AWG (1.50 mm<sup>2</sup>)

0 1 4

All pins are wired with 14 AWG (2.50 mm<sup>2</sup>)

0 1 2

All pins are wired with 12 AWG (4.00 mm<sup>2</sup>)

**Other combinations are possible, please call.**

Elbow Couplers

Elbow-Couplers (Series VA, VB, VC, VD)



Part Number System (Example) - Connector Numbering

X X - X X - X X - X X - X X X - C W

C W

Male connectors numbering clockwise



C W

Female connectors numbering counterclockwise



C C

Male connectors numbering counterclockwise



C C

Female connectors numbering clockwise

