

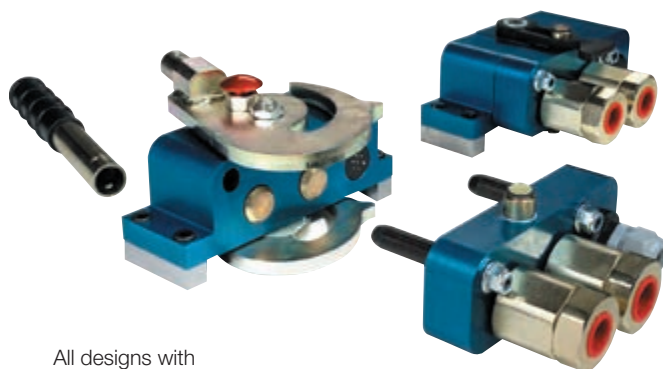


Body Size

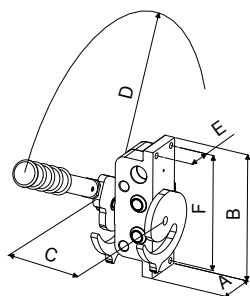
3/8" up to 1/2"

Multi-Line

C-Line Compact



All designs with female thread.

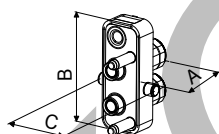


Coupling Plate/Combinations

3/8" and 1/2"	
A	60 mm
B	189 mm
C	108 mm
D	278 mm
E	40 mm
F	173 mm

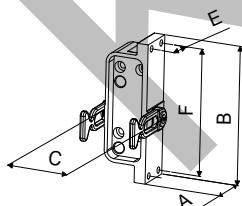
Plug Plate/Combinations

	3/8"	1/2"
A	72 mm	84 mm
B	150 mm	150 mm
C	88 mm	88 mm



Support Plate

3/8" and 1/2"	
A	52 mm
B	189 mm
C	86 mm
E	30 mm
F	173 mm



Technical Description

Multiple connector system with locking lever and safety locking. Original Tema plug-profile with spill-proof flat face design. Coupling body/plug fitted with high-flow valve system. Adjustable angle on the lever 0 - 180° in steps of 30°.

Pressure Eliminator

All plugs are fitted with pressure eliminators to eliminate residual pressures up to maximum working pressure on the plug side (maximum 50 bar on the coupling side).

7-pole Electrical Connection

- Male part (coupling plate)
- Cable: 7 x 1,5 RDOE 5m
- Female part (plug plate)
- Cable: 7 x 1,5 RDOE 3m
- Not IP classified
- Contact block: NBR
- Connector: (pins and casing) bronze, silver plated
- Electric connection box: Thermoplastic (POM)
- Pull relief (cable): PA/NBR
- Max. voltage: 24 V
- Max. current: 16 A*

* For return-current through cable, the total permitted current through the connector is maximum 16 A.

Working Temperature

-30°C up to +100°C (NBR/PUR)

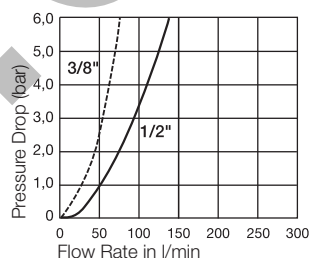
Working Pressure

Max. pressure range:
350 bar (design factor 4:1)

Attention:

To retain the design factor, only half the number of couplings of one size may be pressurised simultaneously.

Flow Capacity with Oil with Viscosity of 32cSt at 40°C as per ISO 7241/2-2000



Hydraulic Flow:

3/8" - 54 l/min (3 bar press. drop)
1/2" - 97 l/min (3 bar press. drop)

Nominal Diameter in mm:









3/8" - 10
1/2" - 12,5

Material

Coupling-/Plug Plates	Aluminium, anodised-blue
Support Plate	Aluminium, anodised-blue
Protective Cap	Aluminium, anodised-blue, NBR-seal
Couplings and Plugs	Steel, zinc-plated, passivated (Cr3+), movable sleeves made of stainless steel AISI 304
Seals	NBR/PUR; replaceable profile ring on plug side
Locking Mechanism	Steel, zinc-plated, passivated (Cr3+)
Locking Button	Aluminium, anodised-red
Blank Plug	Thermoplastics (POM)

Coupling Plate with Protective Cap (3/8")









C-Line Compact

  	  	Coupling 3/8"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
		2	7-pole		right	right	6000	TMFC33YBBR*
		2		1	right	right	4800	TMFC33WBBR*
		2	7-pole		left	left	6000	TMFC33YB**
		2		1	left	left	4800	TMFC33WB**
The protective cap is included.								
The coupling plate is supplied complete with assembly kit TM-210K.								

Locking Lever, detachable
Locking Button right side

Plug Plate with Support Plate (3/8")









C-Line Compact

  	  	Plug 3/8"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
		2	7-pole				3600	TMMC33Y
		2		1			2800	TMMC33W
The support plate is included.								
The support plate is supplied complete with assembly kit TM-214K.								

PE

Coupling Plate with Protective Cap (1/2")








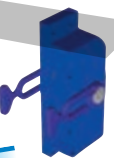
C-Line Compact

  	  	Coupling 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
		2	7-pole		right	right	6100	TMFC55YBBR*
		2		1	right	right	4800	TMFC55WBBR*
		2	7-pole		left	left	6100	TMFC55YB**
		2		1	left	left	4800	TMFC55WB**
The protective cap is included.								
The coupling plate is supplied complete with assembly kit TM-210K.								

Locking Lever, detachable
Locking Button left Side

Plug Plate with Support Plate (1/2")

C-Line Compact

  	  	Plug 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
		2	7-pole				4100	TMMC55Y
		2		1			3300	TMMC55W
The support plate is included.								
The support plate is supplied complete with assembly kit TM-214K.								

PE

* Designed to be used on the right hand side of the excavator arm. On wheel-loaders the mounting is on the inside of the right loading arm. (As seen from the drivers seat).

** Designed to be used on the left hand side of the excavator arm. On wheel-loaders the mounting is on the inside of the left loading arm. (As seen from the drivers seat).



Body Size

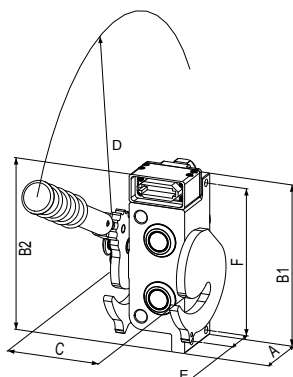
1/2" up to 3/4"

Multi-Line

C-Line Compact



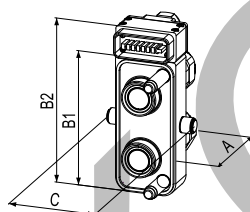
All designs with female thread.



Coupling Plate / Combinations

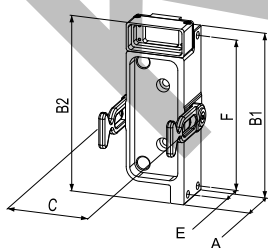
	1/2" and 3/4"
A	70 mm
B1	189 mm
B2	202 mm ¹⁾
C	115 mm
D	27 mm
E	40 mm
F	173 mm

Plug Plate / Combinations



	1/2" and 3/4"
A	97 mm
B1	148 mm
B2	181 mm ¹⁾
C	96 mm

Support Plate



	1/2" and 3/4"
A	52 mm
B1	189 mm
B2	202 mm ¹⁾
C	93 mm
E	30 mm
F	173 mm

¹⁾ with electrical plug

Technical Description

Multiple connector system with locking lever and safety locking. Original Tema plug-profile with spill-proof flat face design. Coupling body/plug fitted with high-flow valve system.

Adjustable angle on the lever 0-180° in steps of 30°.

Pressure Eliminator

All plugs are fitted with pressure eliminators to eliminate residual pressures up to maximum working pressure on the plug side (maximum 50 bar on the coupling side).

14-pole Electrical Connection

- Delivery without cables
- Protection category IP 67 (coupled)
- Screwed conductor connector: 0,5 – 1,5 mm²
- Pins and sleeves: copper coated
- Elect. junction box: Aluminium
- Traction relief: PA/NBR 9 –16 mm
- Max. voltage: 48 V
- Max. current: 10 A per core

Working Temperature

-30°C up to +100°C (NBR/PUR)

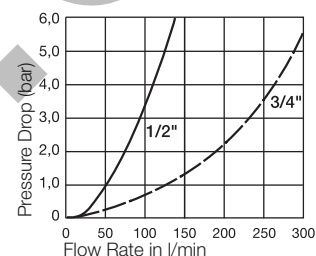
Working Pressure

Max. pressure range:
350 bar (design factor 4:1)

Attention:

To retain the design factor, only half the number of couplings of one size may be pressurised simultaneously.

Flow Capacity with Oil with Viscosity of 32cSt at 40°C as per ISO 7241/2-2000



Hydraulic Flow:

1/2" – 97 l/min (3 bar press. drop)
3/4" – 240 l/min (3 bar press. drop)

Nominal Diameter in mm:

1/2" – 12,5
3/4" – 19

Material

Coupling-/Plug plates	Aluminium, anodised-blue
Support Plate	Aluminium, anodised-blue
Protective Cap	Aluminium, anodised-blue, NBR-seal
Couplings and Plugs	Steel, zinc-plated, passivated (Cr3+), movable sleeves made of stainless steel AISI 304
Seals	NBR/PUR; replaceable profile ring on plug side
Locking Mechanism	Steel, zinc-plated, passivated (Cr3+)
Locking Button	Aluminium, anodised-red
Blank Plug	Thermoplastics (POM)

Coupling Plate with Protective Cap (1/2")

C-Line Compact



Coupling 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2			left	left	5100	TMFC55B**
2	14-pole		left	left	5400	TMFC55QB**
2			right	right	5100	TMFC55BBR*
2	14-pole		right	right	5400	TMFC55QBBR*



Locking Lever, detachable
Locking Button right Side

The protective cap is included.

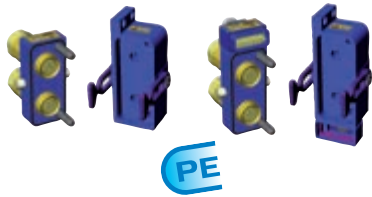
The coupling plate is supplied complete with assembly kit TM-210K.

Plug Plate with Support Plate (1/2")

C-Line Compact



Plug 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2					3600	TMMC55
2	14-pole				3900	TMMC55Q



The support plate is included.

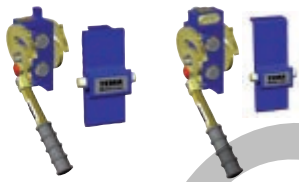
The support plate is supplied complete with assembly kit TM-214K.

Coupling Plate with Protective Cap (3/4")

C-Line Compact



Coupling 3/4"	Electrical Connection (1 pc.)	Blank Plug 3/4"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2			left	left	5100	TMFC77B**
2	14-pole		left	left	5400	TMFC77QB**
2			right	right	5100	TMFC77BBR*
2	14-pole		right	right	5400	TMFC77QBBR*



Locking Lever, detachable
Locking Button right Side

The protective cap is included.

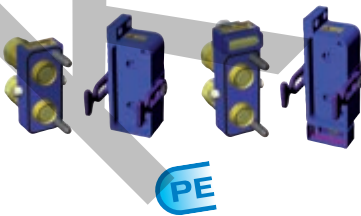
The coupling plate is supplied complete with assembly kit TM-210K.

Plug Plate with Support Plate (3/4")

C-Line Compact



Plug 3/4"	Electrical Connection (1 pc.)	Blank Plug 3/4"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2					3600	TMMC77
2	14-pole				3900	TMMC77Q



The support plate is included.

The support plate is supplied complete with assembly kit TM-214K.

* Designed to be used on the right hand side of the excavator arm. On wheel-loaders the mounting is on the inside of the right loading arm. (As seen from the drivers seat).

** Designed to be used on the left hand side of the excavator arm. On wheel-loaders the mounting is on the inside of the left loading arm. (As seen from the drivers seat).

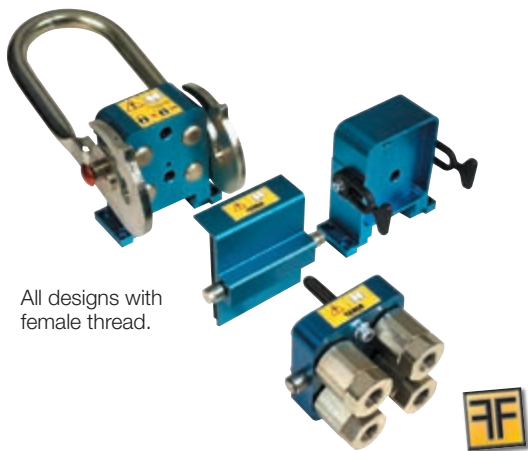


Body Size

3/8" up to 3/4"

Multi-Line

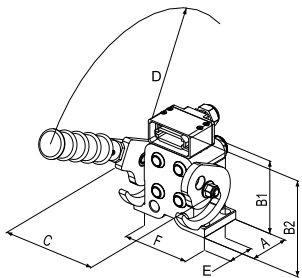
C-Line Standard



All designs with female thread.

Coupling Plate/Combinations

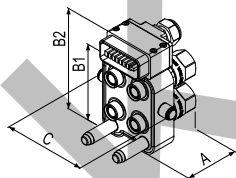
	3/8", 1/2", 3/8" + 1/2" Twin-arm lever	3/8", 1/2", 3/8" + 1/2" Single lever, fixed	3/8", 1/2", 3/8" + 1/2" Single lever, detachable
A	60 mm	60 mm	60 mm
B1	143 mm	143 mm	143 mm
B2	176 mm	176 mm	176 mm
C	160 mm	165 mm	170 mm
D	270 mm	290 mm	276 mm
E	40 mm	40 mm	40 mm
F	121 mm	121 mm	121 mm



	4 x 3/8" All levers	3/4" + 1/2", 3/4" + 1/2" + 3/8" Twin-arm lever	3/4" + 1/2", 3/4" + 1/2" + 3/8" Single lever, fixed	3/4" + 1/2", 3/4" + 1/2" + 3/8" Single lever, det.
A	60 mm	70 mm	70 mm	70 mm
B1	103 mm	143 mm	143 mm	143 mm
B2	136 mm ¹⁾	176 mm ¹⁾	176 mm ¹⁾	176 mm ¹⁾
C	135 mm	160 mm	165 mm	170 mm
D	200 mm	270 mm	290 mm	276 mm
E	40 mm	50 mm	50 mm	50 mm
F	96 mm	121 mm	121 mm	121 mm

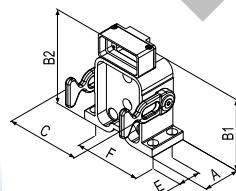
Plug Plate/Combinations

	4 x 3/8"	1/2", 3/8" + 1/2"	3/4" + 1/2", 3/4" + 1/2" + 3/8"
A	72 mm	83 mm	95 mm
B1	101 mm	115 mm	115 mm
B2	134 mm ¹⁾	148 mm	148 mm
C	110 mm	135 mm	135 mm



Support Plate

	4 x 3/8"	all others
A	52 mm	52 mm
B1	103 mm	143 mm
B2	136 mm ¹⁾	176 mm ¹⁾
C	106 mm	141 mm
E	32 mm	30 mm
F	96 mm	121 mm



¹⁾ with electrical plug

Technical Description

Multiple connector system with locking lever and safety locking. Original Tema plug-profile with spill-proof flat face design. Coupling body/plug fitted with high-flow valve system.

Working Pressure

Max. pressure range:
350 bar (design factor 4:1)

Attention:

To retain the design factor, only half the number of couplings of one size may be pressurised simultaneously.

Pressure Eliminator

All plugs are fitted with pressure eliminators to eliminate residual pressures up to maximum working pressure on the plug side (maximum 50 bar on the coupling side).

7-pole Electrical Connection

- Male part (coupling plate)
- Cable: 7 x 1,5 RDOE 5m
- Female part (plug plate)
- Cable: 7 x 1,5 RDOE 3m
- Not IP classified
- Contact block: NBR
- Connector: (pins and casing) bronze, silver plated
- Electric connection box: Thermoplastic (POM)
- Pull relief (cable): PA/NBR
- Max. voltage: 24 V
- Max. current: 16 A*

* For return-current through cable, the total permitted current through the connector is maximum 16 A.

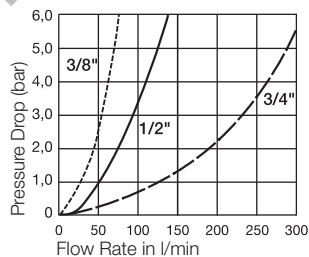
14-pole Electrical Connection

- Delivery without cables
- Protection category IP 67 (coupled)
- Screwed conductor connector: 0,5 – 1,5 mm²
- Pins and sleeves: copper coated
- Elect. junction box: Aluminium
- Traction relief: PA/NBR 9 – 16 mm
- Max. voltage: 48 V
- Max. current: 10 A per core

Working Temperature

-30°C up to +100°C (NBR/PUR)

Flow Capacity with Oil with Viscosity of 32cSt at 40°C as per ISO 7241/2-2000



Hydraulic Flow:

3/8" – 54 l/min (3 bar press. drop)
1/2" – 97 l/min (3 bar press. drop)
3/4" – 240 l/min (3 bar press. drop)

Nominal Diameter in mm:






3/8" – 10
1/2" – 12,5
3/4" – 19

Material

Coupling-/Plug plates	Aluminium, anodised-blue
Support Plate	Aluminium, anodised-blue
Protective Cap	Aluminium, anodised-blue, NBR-seal
Quick Connect Couplings/-Plugs	Steel, zinc-plated, passivated (Cr3+), movable sleeves made of stainless steel AISI 304
Seals	NBR/PUR; replaceable profile ring on plug side
Locking Mechanism	Steel, zinc-plated, passivated (Cr3+)
Locking Button	Aluminium, anodised-red
Blank Plug	Thermoplastics (POM)

Coupling Plate with Protective Cap (3/8")



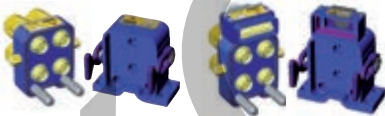
C-Line Standard

	Coupling 3/8"	Electrical Connection (1 pc.)	Blank Plug 3/8"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
  <p>Twin-arm Lever</p> 	4			Twin-arm	left	3300	TMFC3333
	4	14-pole		Twin-arm	left	3600	TMFC3333Q
	4			Twin-arm	right	3300	TMFC3333R
	4	14-pole		Twin-arm	right	3600	TMFC3333QR
<p>Locking Lever, Locking Button left Side</p>							
	4			left	left	3300	TMFC3333A
	4	14-pole		left	left	3600	TMFC3333QA
	4			right	right	3300	TMFC3333AAR
 <p>Locking Lever, Locking Button right Side</p>	4			right	right	3600	TMFC3333QAAR
	4			left	left	3300	TMFC3333B
	4	14-pole		left	left	3600	TMFC3333QB
 <p>Locking Lever, Locking Button right Side</p>	4			right	right	3300	TMFC3333BBR
	4	14-pole		right	right	3600	TMFC3333QBBR

Protective cap and assembly screws are included in the delivery.







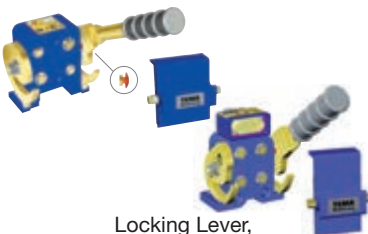
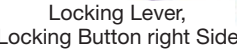

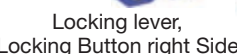
Plug Plate with Support Plate (3/8")

C-Line Standard

	Plug 3/8"	Electrical Connection (1 pc.)	Blank Plug 3/8"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
  	4					2900	TMMC3333
	4	14-pole				3200	TMMC3333Q
<p>The support plate is included.</p>							
<p>Assembly screws and support plate included in the delivery.</p>							

Coupling Plate with Protective Cap (1/2" + 3/8")






C-Line Standard

					Coupling 1/2"	Coupling 3/8"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number	
 <p>Twin-arm Lever</p>					2	2			Twin-arm	left	5900	TMFC5533	
					2	2	14-pole		Twin-arm	left	6200	TMFC5533Q	
					1	2	7-pole		Twin-arm	left	7100	TMFC5Y33	
					1	2		1	Twin-arm	left	5700	TMFC5W33	
					2	2			Twin-arm	right	5900	TMFC5533R	
					2	2	14-pole		Twin-arm	right	6200	TMFC5533QR	
 <p>Locking Lever, Locking Button left Side</p>					1	2	7-pole		Twin-arm	right	7100	TMFC5Y33R	
					1	2		1	Twin-arm	right	5700	TMFC5W33R	
	 <p>Single Lever, fixed</p>					2	2			left	left	5500	TMFC5533A
						2	2	14-pole		left	left	5800	TMFC5533QA
					1	2	7-pole		left	left	6700	TMFC5Y33A	
					1	2		1	left	left	5400	TMFC5W33A	
					2	2			right	right	5500	TMFC5533AAR	
					2	2	14-pole		right	right	5800	TMFC5533QAAR	
 <p>Locking Lever, Locking Button right Side</p>					1	2	7-pole		right	right	6700	TMFC5Y33AAR	
					1	2		1	right	right	5400	TMFC5W33AAR	
	 <p>Single Lever, detachable</p>					2	2			left	left	5700	TMFC5533B
						2	2	14-pole		left	left	6000	TMFC5533QB
					1	2	7-pole		left	left	6900	TMFC5Y33B	
					1	2		1	left	left	5500	TMFC5W33B	
					2	2			right	right	5700	TMFC5533BBR	
					2	2	14-pole		right	right	6000	TMFC5533QBBR	
 <p>Locking lever, Locking Button right Side</p>					1	2	7-pole		right	right	6900	TMFC5Y33BBR	
					1	2		1	right	right	5500	TMFC5W33BBR	

Protective cap and assembly screws are included in the delivery.

Plug Plate with Support Plate (1/2" + 3/8")

C-Line Standard

					Plug 1/2"	Plug 3/8"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
 <p>PE</p>					2	2					4600	TMMC5533
					2	2	14-pole				4700	TMMC5533Q
					1	2	7-pole				4900	TMMC5Y33
					1	2		1			4100	TMMC5W33

Assembly screws and support plate are included in the delivery.

Coupling Plate with Protective Cap (1/2")

C-Line Standard

			 EL	 X	 1/2\""/>	 3/4\""/>	Coupling 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number	
<p>Twin-arm Lever</p>	4						4			Twin-arm	left	5900	TMFC5555	
	4						4	14-pole		Twin-arm	left	6200	TMFC5555Q	
	3						3	7-pole		Twin-arm	left	7100	TMFC5555Y	
	3						3		1	Twin-arm	left	5700	TMFC5555W	
	4						4			Twin-arm	right	5900	TMFC5555R	
	4						4	14-pole		Twin-arm	right	6200	TMFC5555QR	
<p>Locking Lever, Locking Button left Side</p>	3						3	7-pole		Twin-arm	right	7100	TMFC5555YR	
	3						3		1	Twin-arm	right	5700	TMFC5555WR	
	<p>Single Lever, fixed</p>	4						4			left	left	5600	TMFC5555A
		4						4	14-pole		left	left	5900	TMFC5555QA
3							3	7-pole		left	left	6800	TMFC5555YA	
3							3		1	left	left	5400	TMFC5555WA	
<p>Locking Lever, Locking Button right Side</p>	4						4			right	right	5600	TMFC5555AAR	
	4						4	14-pole		right	right	5900	TMFC5555QAAR	
	3						3	7-pole		right	right	6800	TMFC5555YAAR	
	3						3		1	right	right	5400	TMFC5555WAAR	
<p>Single lever, detachable</p>	4						4			left	left	5700	TMFC5555B	
	4						4	14-pole		left	left	6000	TMFC5555QB	
	3						3	7-pole		left	left	6900	TMFC5555YB	
	3						3		1	left	left	5500	TMFC5555WB	
	4						4			right	right	5700	TMFC5555BBR	
	4						4	14-pole		right	right	6000	TMFC5555QBRR	
<p>Locking Lever, Locking Button right Side</p>	3						3	7-pole		right	right	6900	TMFC5555YBBR	
	3						3		1	right	right	5500	TMFC5555WBBR	

Protective cap and assembly screws are included in the delivery.

Plug Plate with Support Plate (1/2")












C-Line Standard

			 EL	 X	 1/2\""/>	 3/4\""/>	Plug 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
<p>PE</p>	4						4					5100	TMMC5555
	4						4	14-pole				5200	TMMC5555Q
	3						3	7-pole				5400	TMMC5555Y
	3						3		1			4600	TMMC5555W

Assembly screws and support plate are included in the delivery.

Coupling Plate with Protective Cap (3/4" + 1/2")






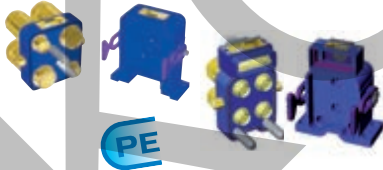
C-Line Standard

						Coupling 3/4"	Coupling 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number	
 Twin-arm Lever						2	2			Twin-arm	left	6600	TMFC7755	
						2	2	14-pole		Twin-arm	left	6900	TMFC7755Q	
						2	1	7-pole		Twin-arm	left	7800	TMFC775Y	
						2	1		1	Twin-arm	left	6400	TMFC775W	
						2	2			Twin-arm	right	6600	TMFC7755R	
						2	2	14-pole		Twin-arm	right	6900	TMFC7755QR	
 Locking Lever, Locking Button left Side						2	1	7-pole		Twin-arm	right	7800	TMFC775YR	
						2	1		1	Twin-arm	right	6400	TMFC775WR	
	 Single Lever, fixed						2	2			left	left	6300	TMFC7755A
							2	2	14-pole		left	left	6600	TMFC7755QA
						2	1	7-pole		left	left	7500	TMFC775YA	
						2	1		1	left	left	6100	TMFC775WA	
						2	2			right	right	6300	TMFC7755AAR	
						2	2	14-pole		right	right	6600	TMFC7755QAAR	
 Locking Lever, Locking Button right Side						2	1	7-pole		right	right	7500	TMFC775YAAR	
							1		1	right	right	6100	TMFC775WAAR	
	 Single Lever, detachable						2	2			left	left	6400	TMFC7755B
							2	2	14-pole		left	left	6900	TMFC7755QB
						2	1	7-pole		left	left	7600	TMFC775YB	
						2	1		1	left	left	6200	TMFC775WB	
						2	2			right	right	6400	TMFC7755BBR	
						2	2	14-pole		right	right	6900	TMFC7755QBRR	
 Locking Lever, Locking Button right Side						2	1	7-pole		right	right	7600	TMFC775YBBR	
							1		1	right	right	6200	TMFC775WBBR	

Protective cap and assembly screws are included in the delivery.

Plug Plate with Support Plate (3/4" + 1/2")

C-Line Standard

						Plug 3/4"	Plug 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
 PE						2	2					5600	TMMC7755
						2	2	14-pole				5700	TMMC7755Q
						2	1	7-pole				5900	TMMC775Y
						2	1		1			5100	TMMC775W

Assembly screws and support plate are included in the delivery.

