Body Size

Multi-Line

1/2" up to 3/4" C-Line Compact



All designs with female thread.

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.

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).

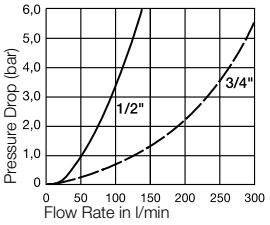
14-pole Electrical Connection
- Delivery without cables
- Protection category IP 67 (coupled)
- Screwed conductor connector: 0,5 – 1,5 mm²
- Pins and sleeves: copper coated
- Elect. junction box: Alumnium
- Traction relief: PA/NBR 9 –16 mm
- Max. voltage: 48 V
- Max. current: 10 A per core

Working Temperature
-30°C up to +100°C (NBR/PUR)

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

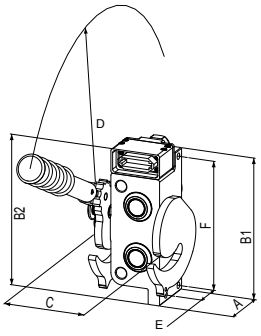
Attention:
To retain the design factor, only half the number of couplings of one size may be pressurised simultaneously.

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



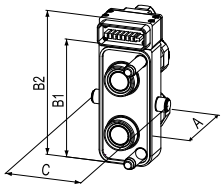
Hydraulic Flow:
1/2" – 97 l/min (3 bar press. drop)
3/4" – 240 l/min (3 bar press. drop)

Nominal Diameter in mm:
1/2" – 12,5
3/4" – 19



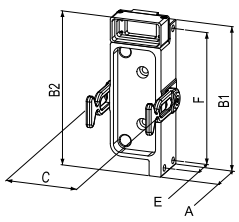
Coupling Plate / Combinations

	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

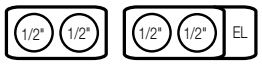
	1/2" and 3/4"
A	52 mm
B1	189 mm
B2	202 mm[1)]
C	93 mm
E	30 mm
F	173 mm

[1)] with electrical plug

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)

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Coupling Plate with Protective Cap (1/2") — C-Line Compact





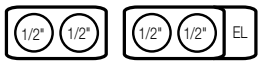
Locking Lever, detachable
Locking Button right Side

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*

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





Locking Lever, detachable
Locking Button right Side

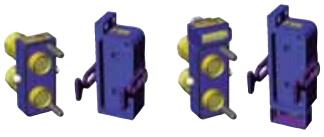
Coupling 3/4"	Electrical Connection (1 pc.)	Blank Plug 3/4"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2			left	left	5100	TMFC77B**
2	14-pole		left	left	5400	TMFC77QB**
2			right	right	5100	TMFC77BBR*
2	14-pole		right	right	5400	TMFC77QBBR*

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).

⚠ Please consider our security advices on the pages 12/13 ⚠

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