

Series TC15



AVENTICS™

AVENTICS Series TC15
Directional valves


EMERSON™

AVENTICS Series TC15 Valve systems

The AVENTICS Series TC15 valve system is the perfect choice for applications calling for lightweight valves with high flow rate in a small space. With valves operated either pneumatically or electrically, the valve system can be modularly expanded to up to 12 valves. Valves can be exchanged without dismantling the valve block.

- $Q_n = 1100 \text{ l/min} \dots 1500 \text{ l/min}$
- 2x3/2, 5/2, 5/3 Spool valves with polyamide housing
- Pneumatic connection G1/4, 1/4-18 NPTF
- Working pressure min./max. -0.9/10 bar
- Voltage 12 V DC, 24 V DC, 24 V AC, 110 V AC, 230 V AC
- Electrical connection ISO form C, M8 3-pin; M8 4-pin



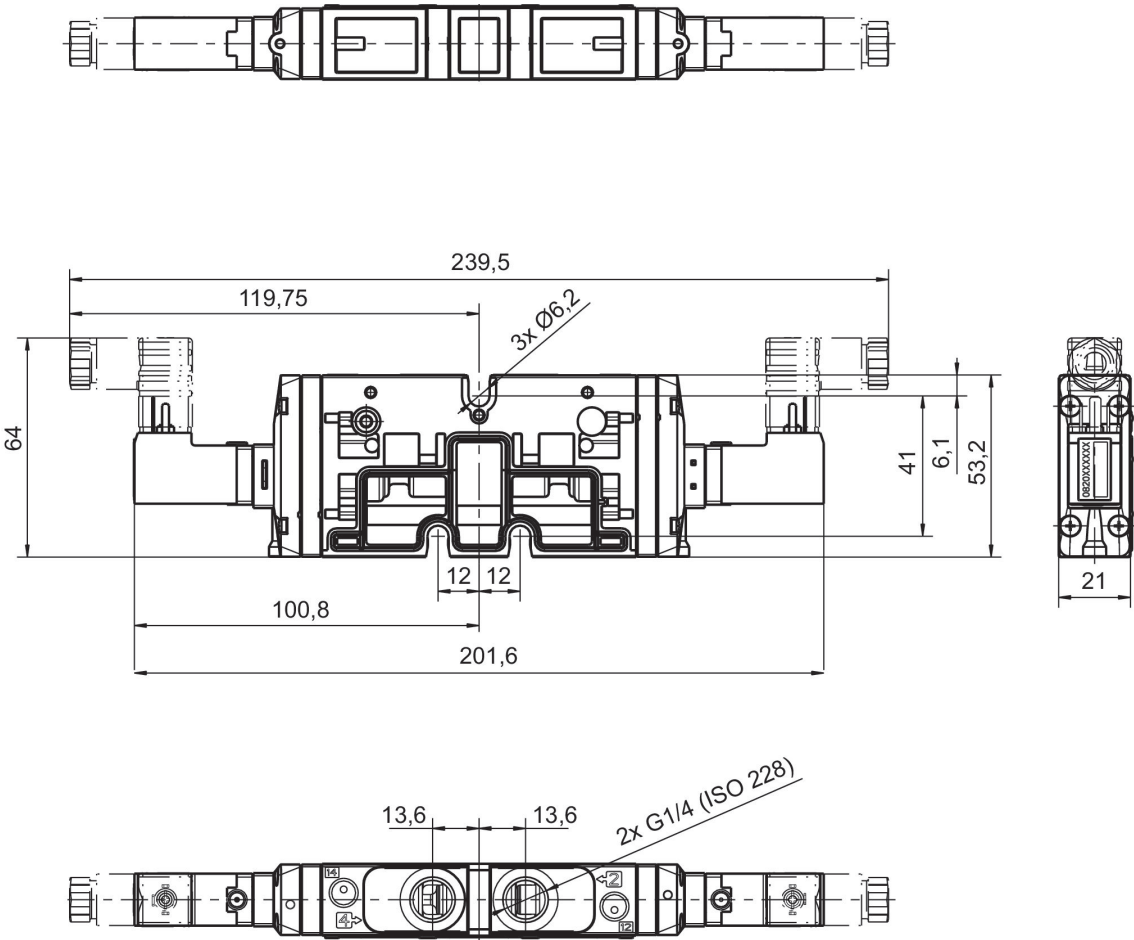
2x3/2-directional valve, Series TC15

Double Solenoid
Plug
ISO 15217, form C
Internal thread
Electrically



Valve function	MO	Com-pressed air con-nection output	Min. working pressure [bar]	Max. working pressure [bar]	Opera-tional voltage	Pilot	Pow-er con-sump-tion DC [W]	Flow Qn [l/min]	Min. control pressure [bar]	Max. control pressure [bar]	Part No.
NC/NC	with de-tent	G 1/4	-0.9	10	24 V DC	External	2	1100	3	10	R422102197
NO/NO	with de-tent	G 1/4	-0.9	10	24 V DC	External	2	1100	3	10	R422102201
NC/NO	with de-tent	G 1/4	-0.9	10	24 V DC	External	2	1100	3	10	R422102205
NC/NC	without detent	G 1/4	-0.9	10	24 V DC	External	2	1100	3	10	R422102209
NO/NO	without detent	G 1/4	-0.9	10	24 V DC	External	2	1100	3	10	R422102213
NC/NO	without detent	G 1/4	-0.9	10	24 V DC	External	2	1100	3	10	R422102217

Dimensions



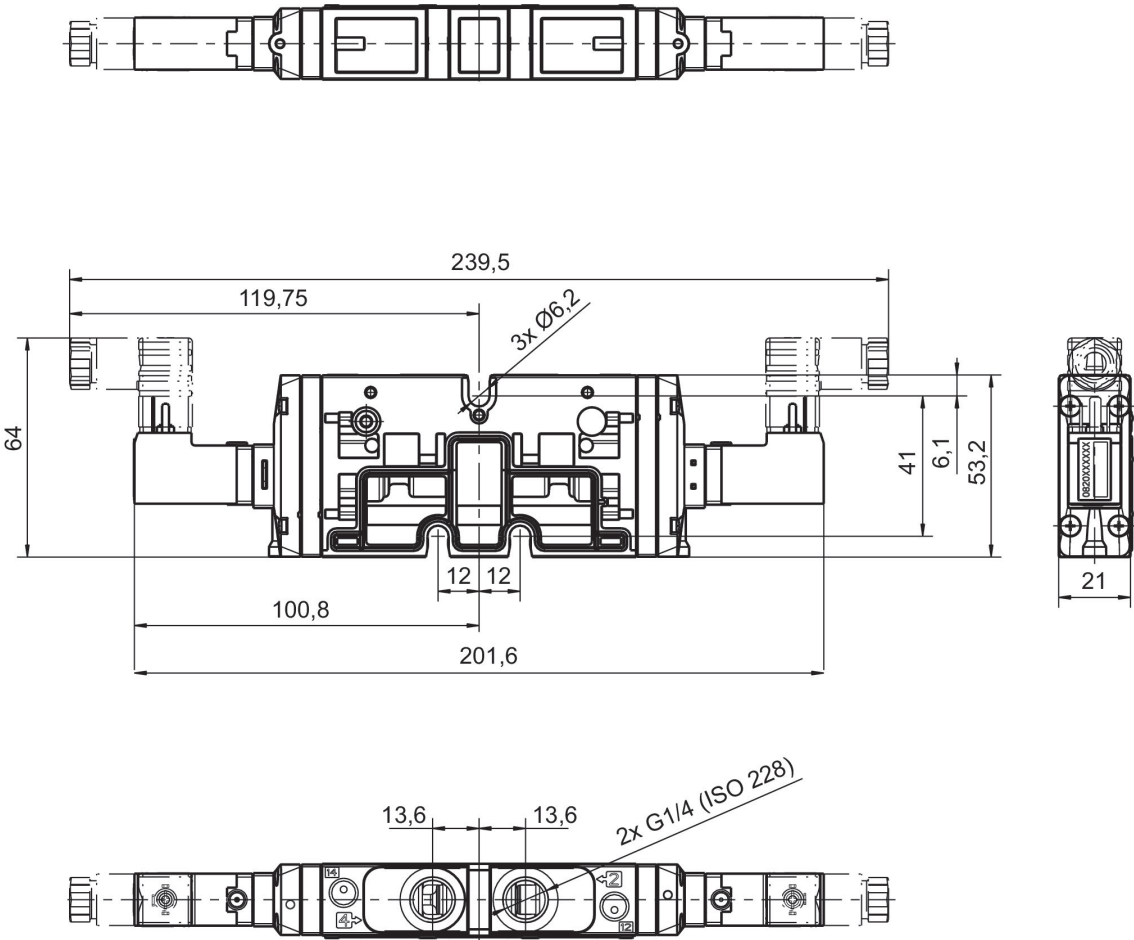
5/2-directional valve, Series TC15

Double Solenoid
Plug
ISO 15217, form C
Internal thread
Electrically



MO	Com-pressed air con-nection output	Min. work-ing pres-sure [bar]	Max. working pressure [bar]	Opera-tional voltage	Pilot	Power consump-tion DC [W]	Flow Qn [l/min]	Min. con-trol pres-sure [bar]	Max. control pressure [bar]	Part No.
with detent	G 1/4	-0.9	10	24 V DC	External	2	1500	2.5	10	0820058751
with detent	G 1/4	-0.9	10	24 V DC	External	2	1500	3	10	0820058761
with detent	G 1/4	-0.9	10		External		1500	3	10	R422103060
without de-tent	G 1/4	-0.9	10	24 V DC	External	2	1500	2.5	10	0820058851
without de-tent	G 1/4	-0.9	10	24 V DC	External	2	1500	3	10	0820058861

Dimensions



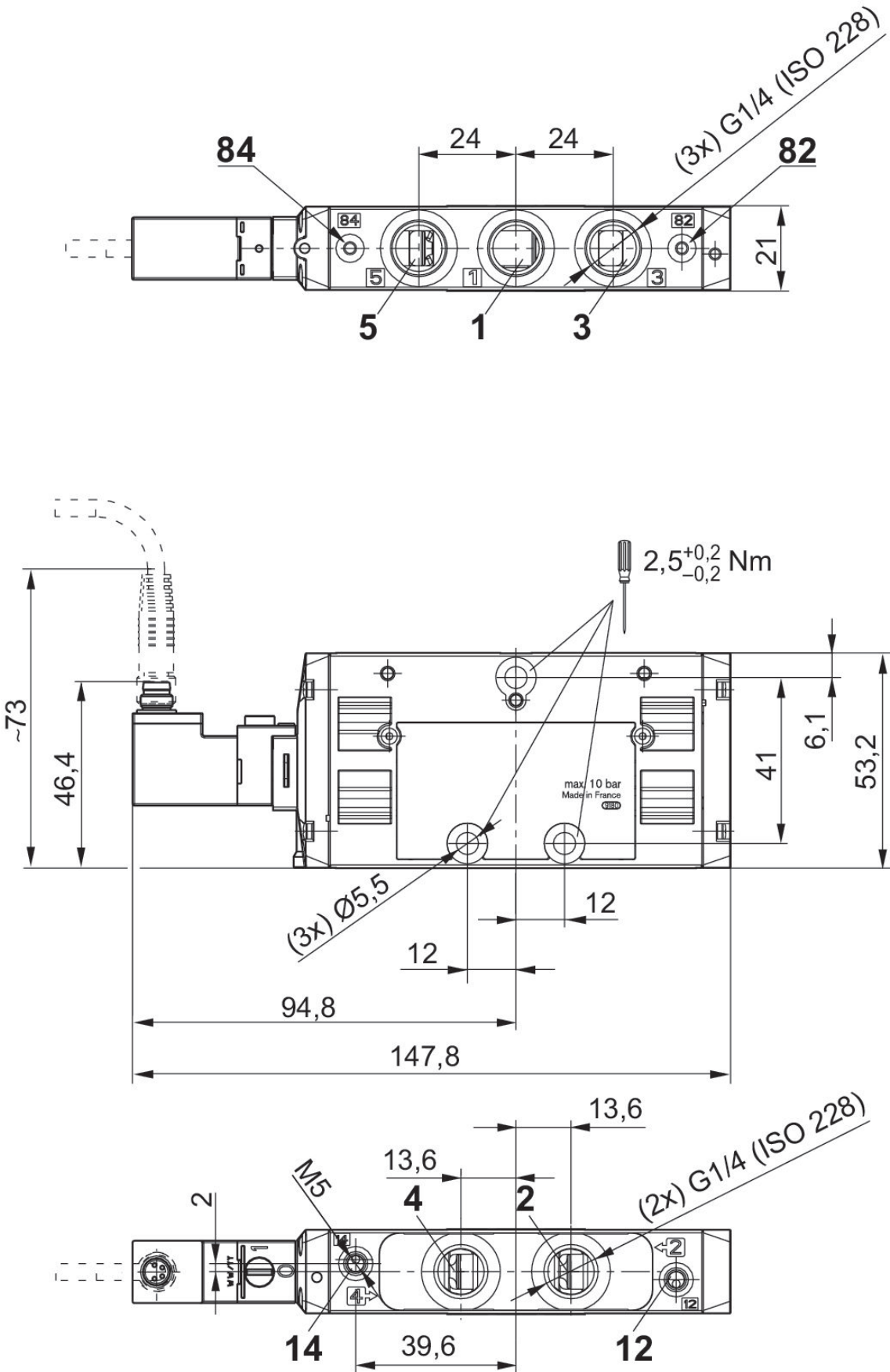
5/2-directional valve, Series TC15

Internal thread
Electrically



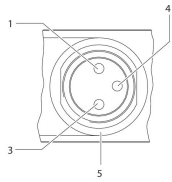
MO	Com-pressed air con-nection output	Min. work-ing pres-sure [bar]	Max. working pressure [bar]	Opera-tional voltage	Pilot	Power consump-tion DC [W]	Flow Qn [l/min]	Min. con-trol pres-sure [bar]	Max. control pressure [bar]	Part No.
with detent	G 1/4	-0.9	10	24 V DC	External	2.2	1500	2.5	10	R422100980
with detent	G 1/4	-0.9	10	24 V DC	External	2.2	1500	3	10	R422100981

Dimensions



R422100980, R422100981

PIN assignment and cable colors for valve plug connectors



PIN assignment: 1) PIN not assigned 3) 0 V 4) 24 V 5) LED Cable color 1) Brown 3) Blue 4) Black
Note: Bi-polar protective circuit to prevent overvoltage

5/2-directional valve, Series TC15

Internal thread
Electrically



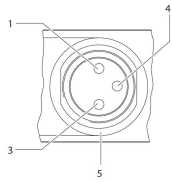
MO	Com-pressed air con-nection output	Min. work-ing pres-sure [bar]	Max. working pressure [bar]	Opera-tional voltage	Pilot	Power consump-tion DC [W]	Flow Qn [l/min]	Min. con-trol pres-sure [bar]	Max. control pressure [bar]	Part No.
with detent	G 1/4	-0.9	10	24 V DC	External	2.2	1500	2	10	R422100982

The technical drawing illustrates the dimensions and features of the ARVU 6000 valve assembly across three views:

- Top View:** Shows the main body with two 24mm segments between ports. Port sizes are specified as (3x) G1/4 (ISO 228). Dimensions include 84, 82, 5, 1, 3, and 21.
- Side View:** Provides overall dimensions: total width 189,6; mounting hole distance 94,8; body height 41; and flange thickness 6,1. It also shows a torque specification of $2,5^{+0,2}_{-0,2}$ Nm for the screws and a maximum pressure rating of max. 10 bar. Mounting holes are dimensioned at 12mm from the centerline.
- Bottom View:** Details the base connections, including M5 mounting holes and (2x) G1/4 (ISO 228) ports. Dimensions include 13,6, 4, 2, 14, 39,6, and 12.

R422100982

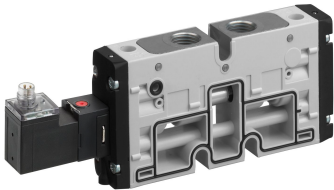
PIN assignment and cable colors for valve plug connectors



PIN assignment: 1) PIN not assigned 3) 0 V 4) 24 V 5) LED Cable color 1) Brown 3) Blue 4) Black
Note: Bi-polar protective circuit to prevent overvoltage

5/2-directional valve, Series TC15

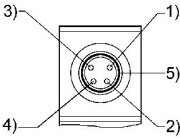
Internal thread
Electrically



MO	Com-pressed air con-nection output	Min. work-ing pres-sure [bar]	Max. working pressure [bar]	Opera-tional voltage	Pilot	Power consump-tion DC [W]	Flow Qn [l/min]	Min. con-trol pres-sure [bar]	Max. control pressure [bar]	Part No.
with detent	G 1/4	-0.9	10	24 V DC	External	2.2	1500	3	10	0820058797
without de-tent	G 1/4	-0.9	10	24 V DC	External	2.2	1500	3	10	0820058897

0820058797, 0820058897

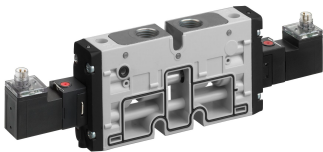
PIN assignment and cable colors for valve plug connectors



PIN assignment: 1) PIN not assigned 2) PIN not assigned 3) 0 V 4) 24 V 5) LED Cable colors 1) Brown 2) White 3) Blue 4) Black

5/2-directional valve, Series TC15

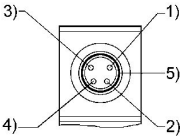
Internal thread
Electrically



MO	Com-pressed air con-nection output	Min. work-ing pres-sure [bar]	Max. working pressure [bar]	Opera-tional voltage	Pilot	Power consump-tion DC [W]	Flow Qn [l/min]	Min. con-trol pres-sure [bar]	Max. control pressure [bar]	Part No.
with detent	G 1/4	-0.9	10	24 V DC	External	2.2	1500	2.5	10	0820058796
with detent	G 1/4	-0.9	10	24 V DC	External	2.2	1500	2	10	0820058798
without de-tent	G 1/4	-0.9	10	24 V DC	External	2.2	1500	2.5	10	0820058896
without de-tent	G 1/4	-0.9	10	24 V DC	External	2.2	1500	2	10	0820058898

0820058796, 0820058798, 0820058896, 0820058898

PIN assignment and cable colors for valve plug connectors



PIN assignment: 1) PIN not assigned 2) PIN not assigned 3) 0 V 4) 24 V 5) LED Cable colors 1) Brown 2) White 3) Blue 4) Black

5/3-directional valve, Series TC15

Plug
M8
Internal thread
Electrically
3-pin

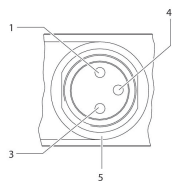


Valve function	MO	Com-pressed air con-nection output	Min. working pressure [bar]	Max. working pressure [bar]	Opera-tional voltage	Pilot	Pow-er con-sump-tion DC [W]	Flow Qn [l/min]	Min. control pressure [bar]	Max. control pressure [bar]	Part No.
Closed Center	with de-tent	G 1/4	-0.9	10	24 V DC	External	2.2	1300	3	10	R422100983
Exhaust-ed Center	with de-tent	G 1/4	-0.9	10	24 V DC	External	2.2	1300	3	10	R422100984
Pressur-ized Cen-ter	with de-tent	G 1/4	-0.9	10	24 V DC	External	2.2	1300	3	10	R422100985

[illegible]

R422100983, R422100984, R422100985

PIN assignment and cable colors for valve plug connectors



PIN assignment: 1) PIN not assigned 3) 0 V 4) 24 V 5) LED Cable color 1) Brown 3) Blue 4) Black
Note: Bi-polar protective circuit to prevent overvoltage

5/3-directional valve, Series TC15

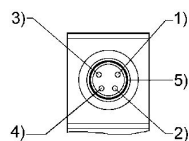
Plug
M8
Internal thread
Electrically
4-pin



Valve function	MO	Com-pressed air con-nection output	Min. working pressure [bar]	Max. working pressure [bar]	Opera-tional voltage	Pilot	Pow-er con-sump-tion DC [W]	Flow Qn [l/min]	Min. control pressure [bar]	Max. control pressure [bar]	Part No.
Closed Center	with de-tent	G 1/4	-0.9	10	24 V DC	External	2.2	1300	3	10	0820059796
Exhaust-ed Center	with de-tent	G 1/4	-0.9	10	24 V DC	External	2.2	1300	3	10	0820059797
Pressur-ized Cen-ter	with de-tent	G 1/4	-0.9	10	24 V DC	External	2.2	1300	3	10	0820059798
Closed Center	without detent	G 1/4	-0.9	10	24 V DC	External	2.2	1300	3	10	0820059896
Exhaust-ed Center	without detent	G 1/4	-0.9	10	24 V DC	External	2.2	1300	3	10	0820059897
Pressur-ized Cen-ter	without detent	G 1/4	-0.9	10	24 V DC	External	2.2	1300	3	10	0820059898

0820059796, 0820059797, 0820059798, 0820059896, 0820059897, 0820059898

PIN assignment and cable colors for valve plug connectors



PIN assignment: 1) PIN not assigned 2) PIN not assigned 3) 0 V 4) 24 V 5) LED Cable colors 1) Brown 2) White 3) Blue 4) Black

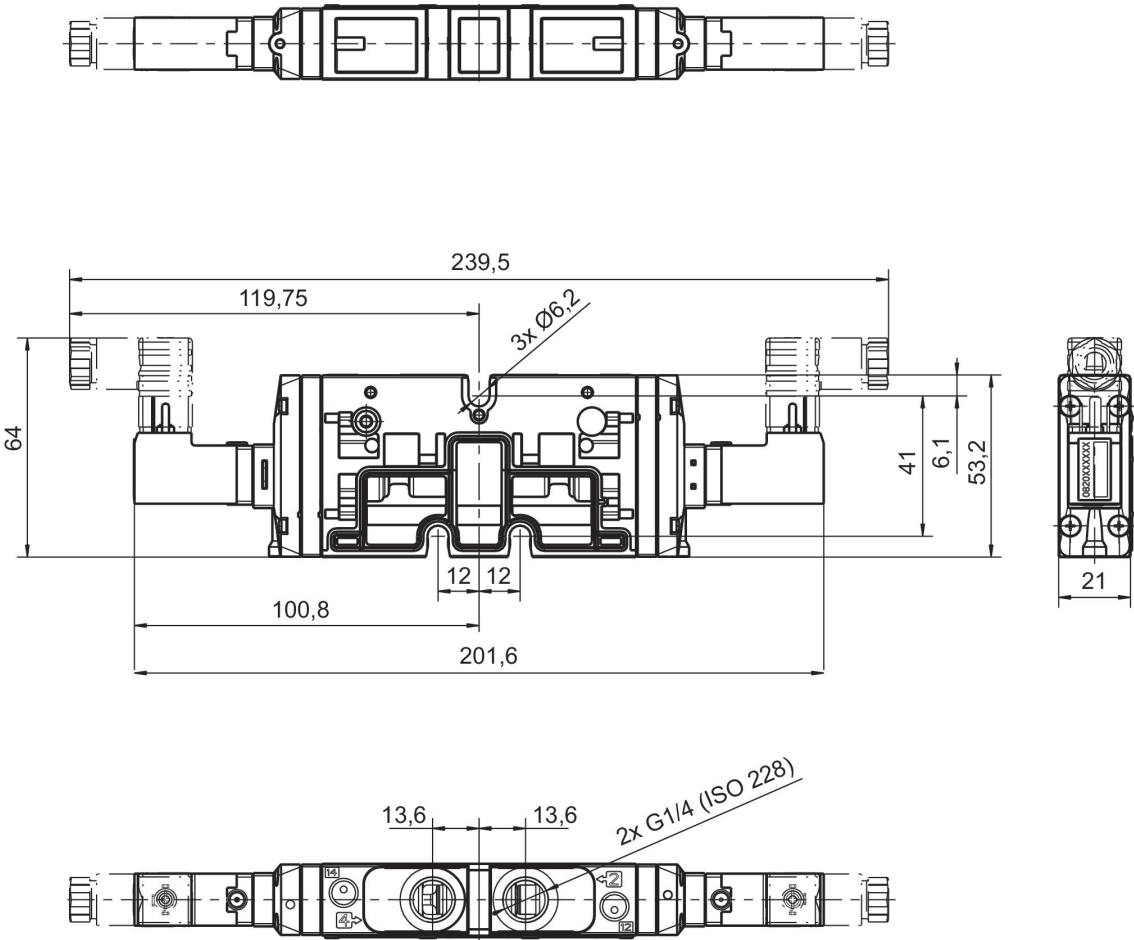
5/3-directional valve, Series TC15

Double Solenoid
Plug
ISO 15217, form C
Internal thread
Electrically



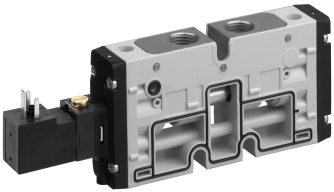
Valve function	MO	Com-pressed air con-nection output	Min. working pressure [bar]	Max. working pressure [bar]	Opera-tional voltage	Pilot	Pow-er con-sump-tion DC [W]	Flow Qn [l/min]	Min. control pressure [bar]	Max. control pressure [bar]	Part No.
Closed Center	with de-tent	G 1/4	-0.9	10	24 V DC	External	2	1300	3	10	0820059751
Exhaust-ed Center	with de-tent	G 1/4	-0.9	10	24 V DC	External	2	1300	3	10	0820059761
Pressur-ized Cen-ter	with de-tent	G 1/4	-0.9	10	24 V DC	External	2	1300	3	10	0820059771
Closed Center	without detent	G 1/4	-0.9	10	24 V DC	External	2	1300	3	10	0820059851
Closed Center	with de-tent	G 1/4	-0.9	10		External		1300	3	10	R422103062
Exhaust-ed Center	without detent	G 1/4	-0.9	10	24 V DC	External	2	1300	3	10	0820059861
Pressur-ized Cen-ter	without detent	G 1/4	-0.9	10	24 V DC	External	2	1300	3	10	0820059871

Dimensions



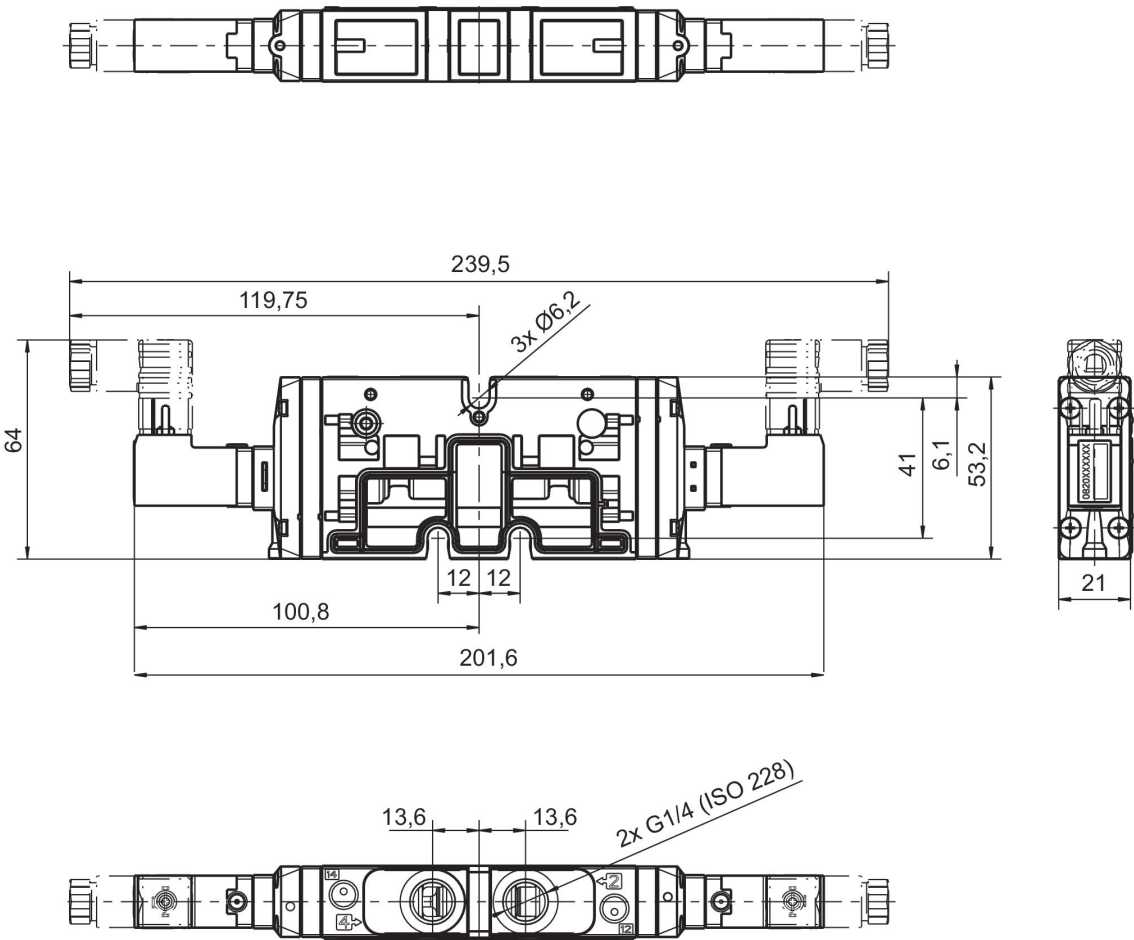
2x3/2-directional valve, Series TC15 - inch

1100 l/min
Plug
ISO 15217, form C
Internal thread
Electrically



Valve function	MO	Com-pressed air con-nection output	Min. working pressure [bar]	Max. working pressure [bar]	Opera-tional voltage	Pilot	Pow-er con-sump-tion DC [W]	Flow Qn [l/min]	Min. control pressure [bar]	Max. control pressure [bar]	Part No.
NC/NC	with de-tent	1/4 - 18 NPTF	-0.9	10	24 V DC	External	2	1100	3	10	R422102260
NO/NO	with de-tent	1/4 - 18 NPTF	-0.9	10	24 V DC	External	2	1100	3	10	R422102264
NC/NO	with de-tent	1/4 - 18 NPTF	-0.9	10	24 V DC	External	2	1100	3	10	R422102268

Dimensions



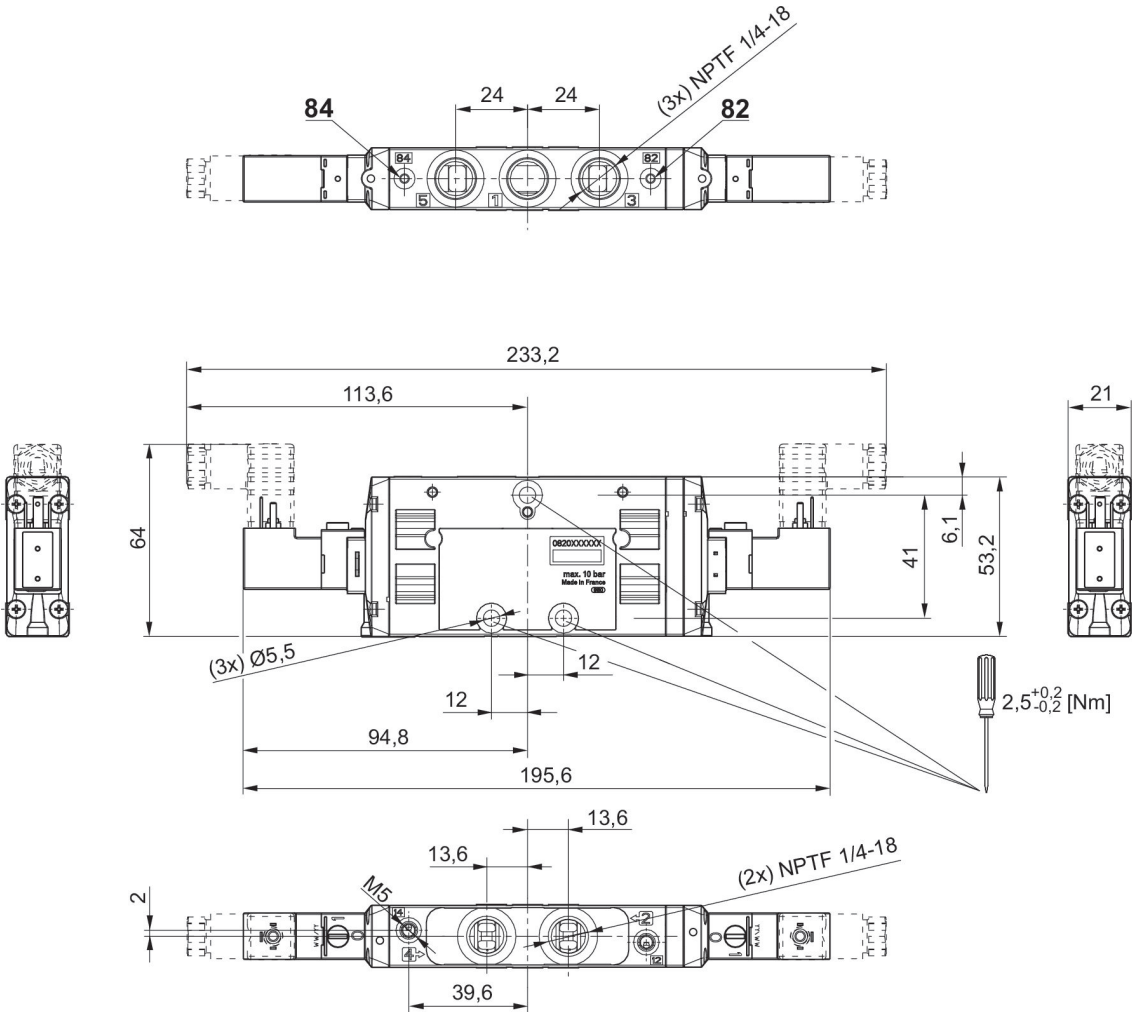
5/2-directional valve, Series TC15 - inch

1100 l/min
Internal thread
Electrically



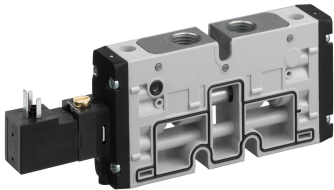
MO	Com-pressed air con-nection output	Min. work-ing pres-sure [bar]	Max. working pressure [bar]	Opera-tional voltage	Pilot	Power consump-tion DC [W]	Flow Qn [l/min]	Min. control pres-sure [bar]	Max. control pressure [bar]	Part No.
with detent	1/4 - 18 NPTF	-0.9	10	24 V DC	External	2	1500	2	10	R422101185

Dimensions in mm



5/2-directional valve, Series TC15 - inch

1100 l/min
Internal thread
Electrically



MO	Com-pressed air con-nection output	Min. work-ing pres-sure [bar]	Max. working pressure [bar]	Opera-tional voltage	Pilot	Power consump-tion DC [W]	Flow Qn [l/min]	Min. con-trol pres-sure [bar]	Max. control pressure [bar]	Part No.
with detent	1/4 - 18 NPTF	-0.9	10	24 V DC	External	2	1500	2.5	10	R422101177
with detent	1/4 - 18 NPTF	-0.9	10	24 V DC	External	2	1500	3	10	R422101181

Technical drawing of the 3000 series pressure washer, showing front, side, and top views with dimensions and part numbers.

Front View (Top):

- Dimensions: 24, 24, 166,6 (total width), 113,6 (distance to trigger gun).
- Part numbers: 84 (trigger gun), 82 (motor housing).
- Thread: (3x) NPTF 1/4-18 (for wheels).

Side View (Middle):

- Dimensions: 64 (height), 12 (distance to wheels), 94,8 (distance to trigger gun), 147,8 (total length), 41 (height to motor), 6,1 (height to trigger gun), 53,2 (height to wheels).
- Thread: (3x) Ø5,5 (for wheels).
- Label: max. 10 bar, Made in France.

Top View (Bottom):

- Dimensions: 39,6 (distance to wheels), 13,6 (distance to trigger gun), 13,6 (distance to motor), 13,6 (distance to wheels).
- Thread: (2x) NPTF 1/4-18 (for motor).
- Part number: M5 (for motor).

Detail View (Right):

- Dimension: 21 (width of trigger gun).
- Torque: $2,5 \pm 0,2$ [Nm] (for trigger gun).

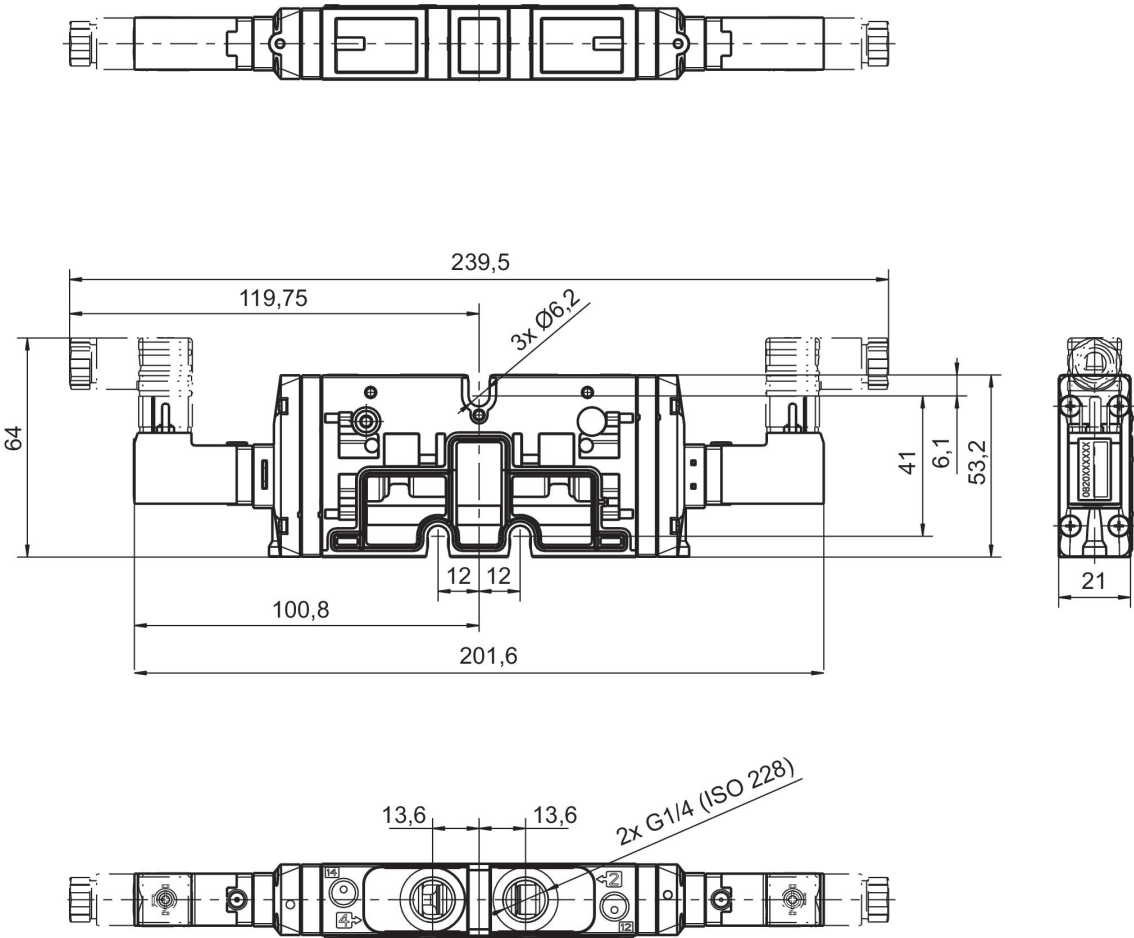
5/3-directional valve, Series TC15 - inch

1100 l/min
Internal thread
Electrically



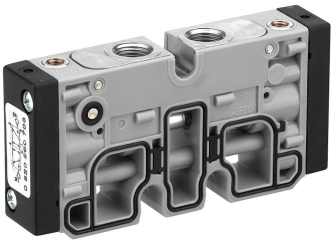
MO	Com-pressed air con-nection output	Min. work-ing pres-sure [bar]	Max. working pressure [bar]	Opera-tional voltage	Pilot	Power consump-tion DC [W]	Flow Qn [l/min]	Min. con-trol pres-sure [bar]	Max. control pressure [bar]	Part No.
with detent	1/4 - 18 NPTF	-0.9	10	24 V DC	External	2	1300	3	10	R422101189
with detent	1/4 - 18 NPTF	-0.9	10	24 V DC	External	2	1300	3	10	R422101193
with detent	1/4 - 18 NPTF	-0.9	10	24 V DC	External	2	1300	3	10	R422101197

Dimensions



2x3/2-directional valve, Series TC15

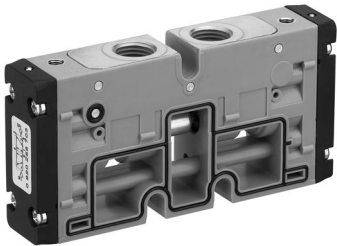
1100 l/min
Internal thread
Pneumatically



Valve function	Compressed air connection output	Min. working pressure [bar]	Max. working pressure [bar]	Flow Qn [l/min]	Min. control pressure [bar]	Max. control pressure [bar]	Part No.
NC/NC	G 1/4	-0.9	10	1100	3	10	R422102232
NO/NO	G 1/4	-0.9	10	1100	3	10	R422102233
NC/NO	G 1/4	-0.9	10	1100	3	10	R422102234

5/2-directional valve, Series TC15

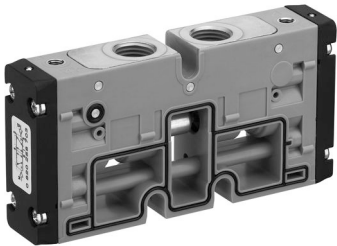
Internal thread
Pneumatically



Compressed air connection input	Compressed air connection output	Min. working pressure [bar]	Max. working pressure [bar]	Pilot	Flow Qn [l/min]	Min. control pressure [bar]	Max. control pressure [bar]	Part No.
G 1/4	G 1/4	-0.9	10	External	1500	2	10	0820258703
G 1/4	G 1/4	2.5	10	External	1500	2.5	10	0820258701
G 1/4	G 1/4	3	10	External	1500	3	10	0820258702
G 1/4	G 1/4	-0.9	10	External	1500	2.5	10	0820258704

5/3-directional valve, Series TC15

Internal thread
Pneumatically



Valve function	Com-pressed air connec-tion input	Com-pressed air connec-tion output	Min. work-ing pres-sure [bar]	Max. working pressure [bar]	Pilot	Flow Qn [l/min]	Min. con-trol pres-sure [bar]	Max. control pressure [bar]	Part No.
Closed Cen-ter	G 1/4	G 1/4	-0.9	10	External	1300	3	10	0820259701
Exhausted Center	G 1/4	G 1/4	-0.9	10	External	1300	3	10	0820259702
Pressurized Center	G 1/4	G 1/4	-0.9	10	External	1300	3	10	0820259703

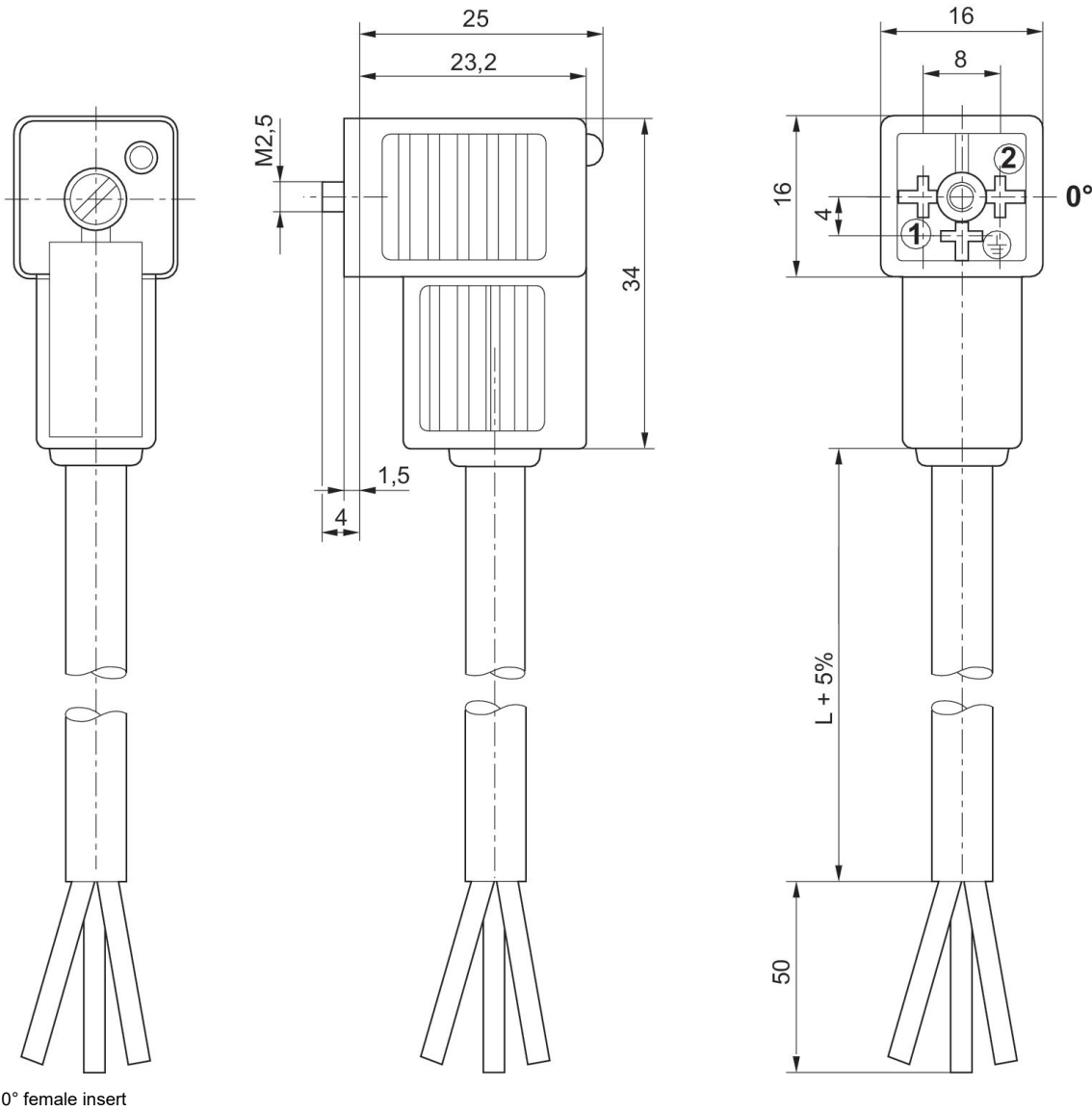
Valve plug connector, series CON-VP

form C



Operational voltage	Protective circuit	Max. current [A]	Contact assignment	LED status display	Cable-Ø [mm]	Cable length [m]	Part No.
230 V AC/DC		6	2+E		5.9	3	1834484212
230 V AC/DC		6	2+E		5.9	5	1834484214
24 V AC/DC	Z-diode	6	2+E	Yellow	5.9	3	1834484204
24 V AC/DC	Z-diode	6	2+E	Yellow	5.9	5	1834484206
230 V AC/DC	Varistor	6	2+E	Yellow	5.9	3	1834484208
230 V AC/DC	Varistor	6	2+E	Yellow	5.9	5	1834484210

Dimensions



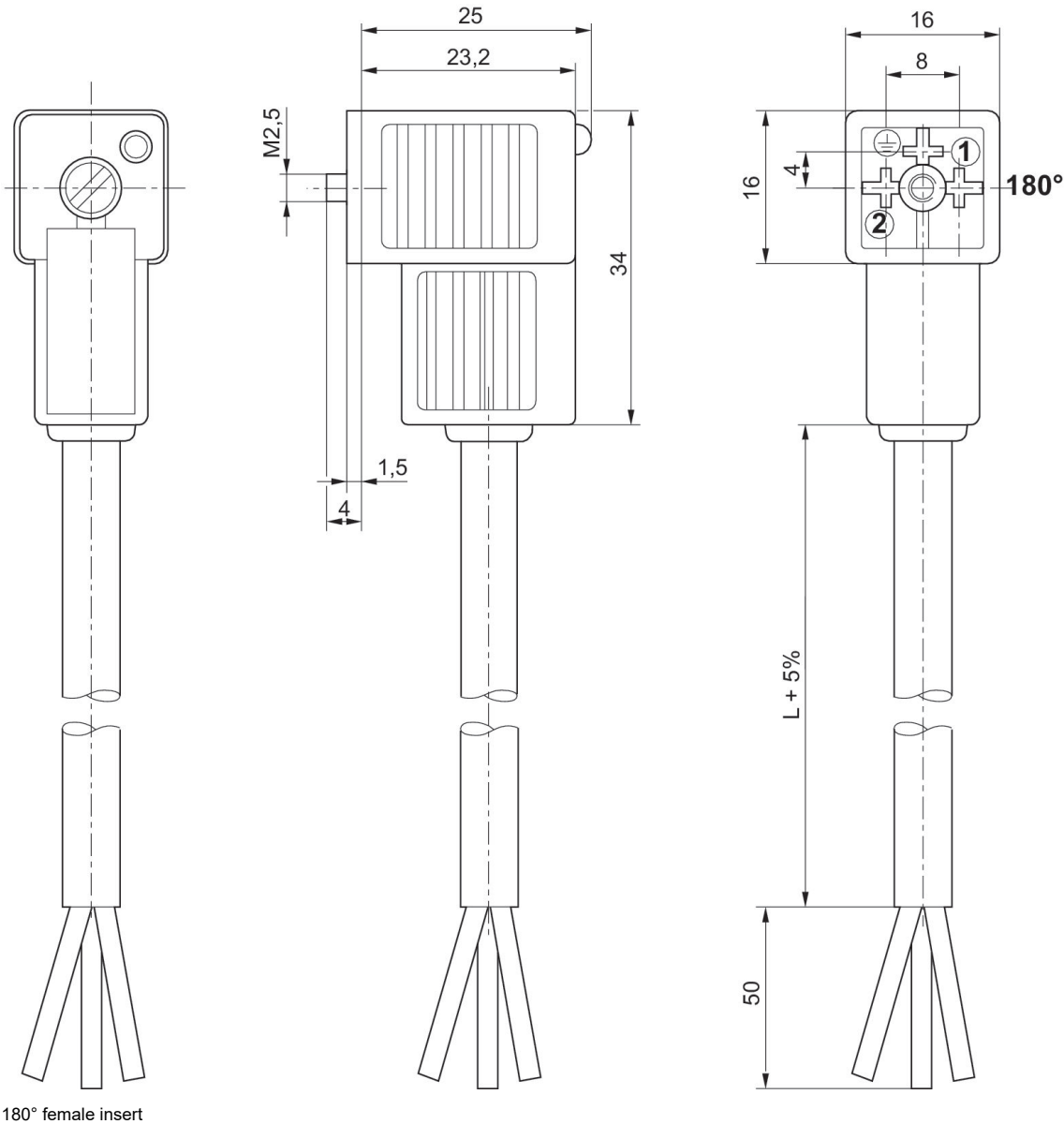
Valve plug connector, series CON-VP

form C



Operational voltage	Protective circuit	Max. current [A]	Contact assignment	LED status display	Cable-Ø [mm]	Cable length [m]	Part No.
230 V AC/DC		6	2+E		5.9	3	1834484213
230 V AC/DC		6	2+E		5.9	5	1834484215
24 V AC/DC	Z-diode	6	2+E	Yellow	5.9	3	1834484205
24 V AC/DC	Z-diode	6	2+E	Yellow	5.9	5	1834484207
230 V AC/DC	Varistor	6	2+E	Yellow	5.9	3	1834484209
230 V AC/DC	Varistor	6	2+E	Yellow	5.9	5	1834484211
24 V AC/DC	Z-diode	6	2+E	Yellow	5.9	10	1834484236

Dimensions



Valve plug connector, series CON-VP

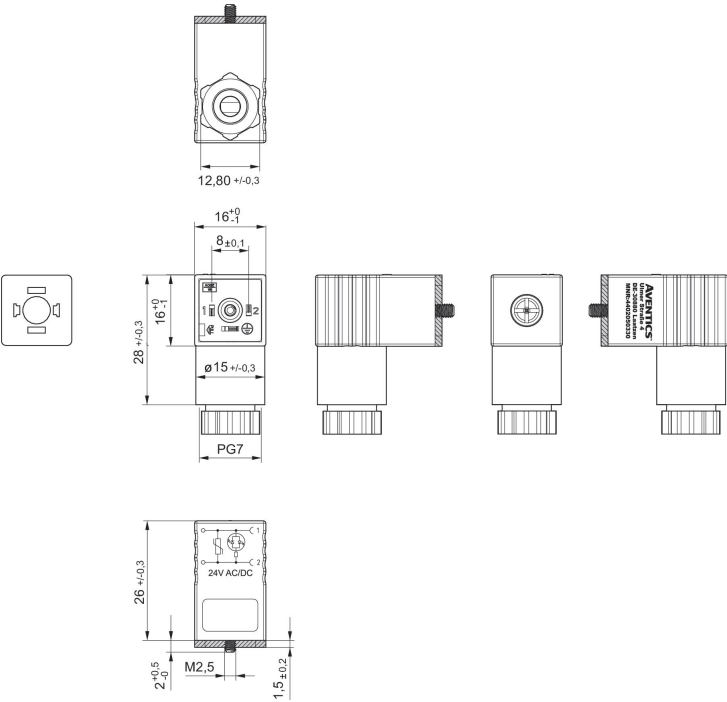
EN 175301-803, form C
CE declaration of conformity
UKCA



Operational voltage	Protective circuit	Max. current [A]	Contact assignment	LED status display	min. suitable cable Ø [mm]	max. suitable cable Ø [mm]	Part No.
24 V AC/DC	Varistor	1.5	2+E	Green	4	6	4402050330

4402050330

Dimensions



Flat gasket

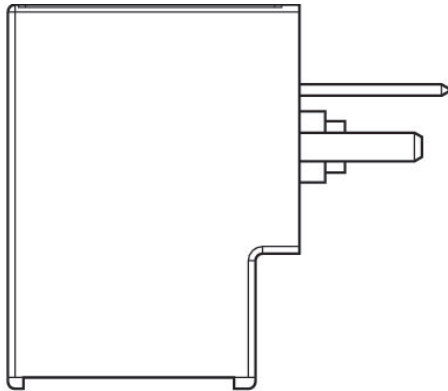
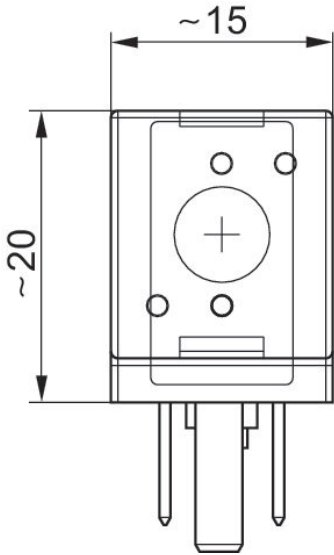
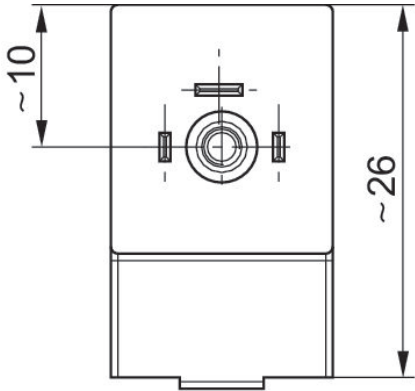
Coil, Series CO1

Plug
3-pin



Opera- tional volt- age DC	Number of poles	Opera- tional voltage AC at 50 Hz	Opera- tional voltage AC at 60 Hz	Voltage toler- ance DC	Voltage tolerance AC 50 Hz	Voltage tolerance AC 60 Hz	Power consump- tion DC [W]	Holding power AC 50 Hz [VA]	Switch- on power AC 50 Hz [VA]	Part No.
	3-pin	110 V	110 V		-10% / +10%	-10% / +10%		1.6	2.2	R422101598
	3-pin	230 V	230 V		-10% / +10%	-10% / +10%		1.6	2.2	R422101599
24 V	3-pin			-10% / +10%			2			R422101600
	3-pin	24 V	24 V		-10% / +10%	-10% / +10%		1.6	2.2	R422101601
12 V	3-pin			-10% / +10%			2			R422101602

Dimensions



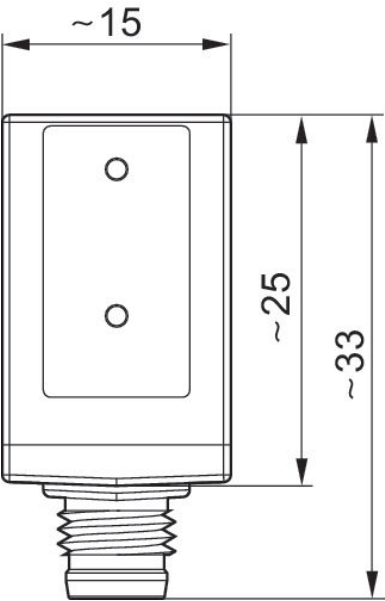
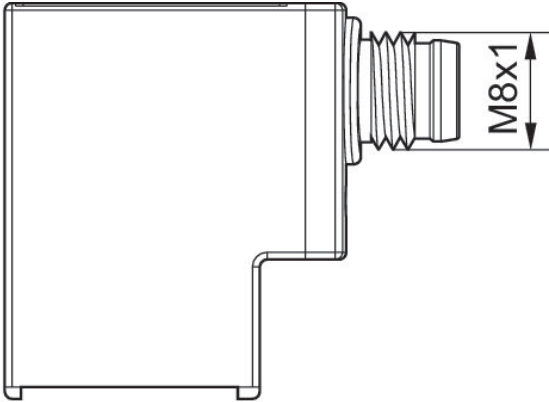
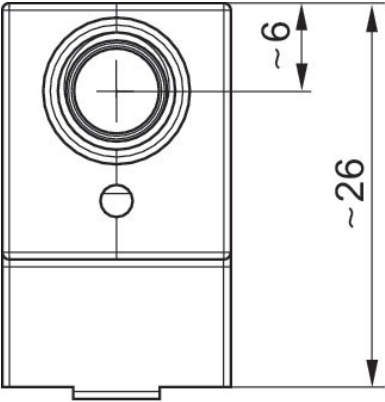
Coil, Series CO1

Plug
M8x1



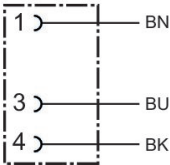
Operational voltage DC	Number of poles	Voltage tolerance DC	Power consumption DC [W]	Part No.
24 V	4-pin	-10% / +10%	2.2	R422101603
24 V	3-pin	-10% / +10%	2.2	R422101604

Dimensions



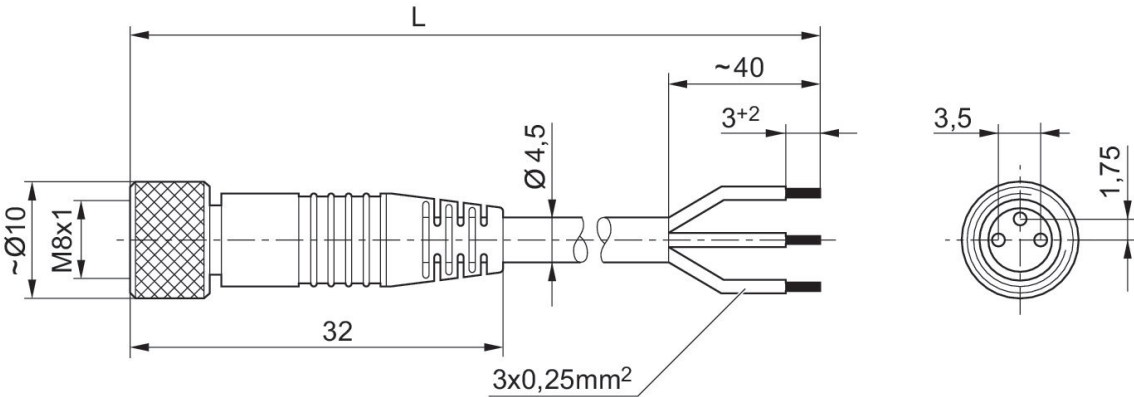
Round plug connector, Series CON-RD

Socket
M8x1
3-pin



Operational voltage	Current [A]	Shielding	Electrical connection 1, type	Electrical connection 1, thread size	Electrical connection 1, coding	Electrical connection 2, type	Cable length [m]	Cable-Ø [mm]	Wire cross-section [mm²]	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
48 V AC/DC	4	unshielded	Socket	M8x1	A-coded	open cable ends	3	4.5	0.24	-25	85	1834484166
48 V AC/DC	4	unshielded	Socket	M8x1	A-coded	open cable ends	5	4.5	0.24	-25	85	1834484168
48 V AC/DC	4	unshielded	Socket	M8x1	A-coded	open cable ends	10	4.5	0.24	-25	85	1834484247

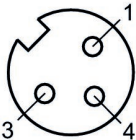
Dimensions



L = length

1834484166, 1834484168, 1834484247

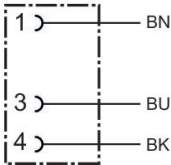
Pin assignment, socket



(1) BN=brown (3) BU=blue (4) BK=black

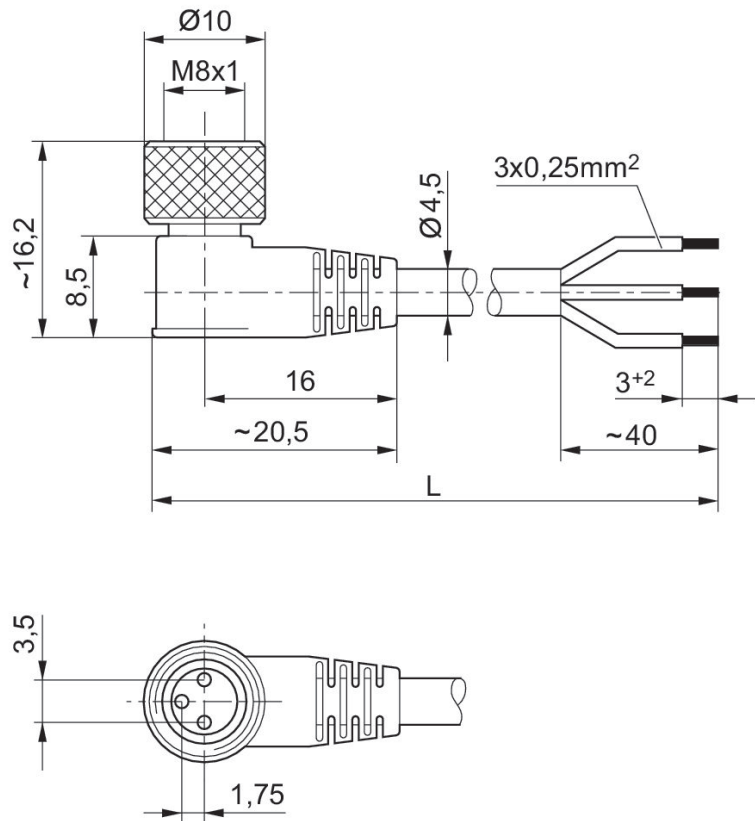
Round plug connector, Series CON-RD

Socket
M8x1
3-pin



Operational voltage	Current [A]	Shielding	Electrical connection 1, type	Electrical connection 1, thread size	Electrical connection 1, coding	Electrical connection 2, type	Cable length [m]	Cable-Ø [mm]	Wire cross-section [mm²]	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
48 V AC/DC	4	unshielded	Socket	M8x1	A-coded	open cable ends	3	4.5	0.24	-40	85	1834484167
48 V AC/DC	4	unshielded	Socket	M8x1	A-coded	open cable ends	5	4.5	0.24	-40	85	1834484169
48 V AC/DC	4	unshielded	Socket	M8x1	A-coded	open cable ends	10	4.5	0.24	-40	85	1834484248

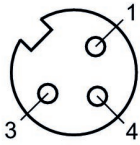
Dimensions



L = length

1834484167, 1834484169, 1834484248

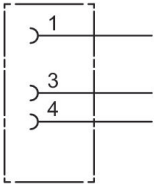
Pin assignment, socket



(1) BN=brown (3) BU=blue (4) BK=black

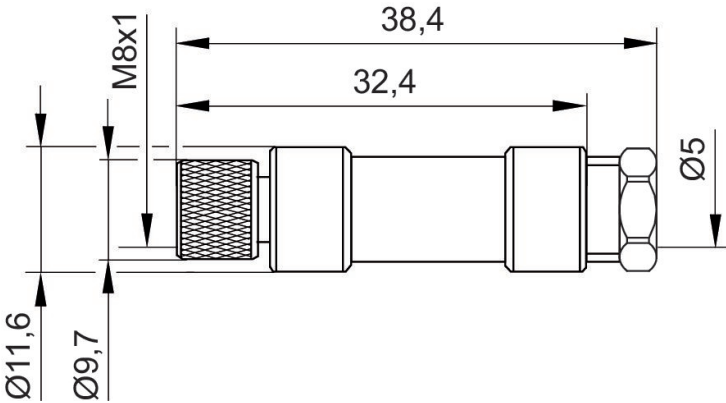
Round plug connector, Series CON-RD

Socket
M8x1
3-pin



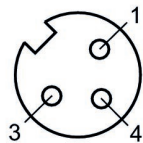
Opera- tional voltage	Contact assign- ment	Coding	Shielding	Conne- ction type	Max. current [A]	min. suit- able ca- ble Ø [mm]	max. suit- able ca- ble Ø [mm]	Min. am- bient tem- perature [°C]	Max. am- bient tem- perature [°C]	Part No.
48 V AC/ DC	3-pin	A-coded	unshielded	Soldering	4	3.5	5	-25	80	1834484173

Dimensions



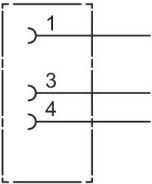
1834484173

Pin assignment, socket



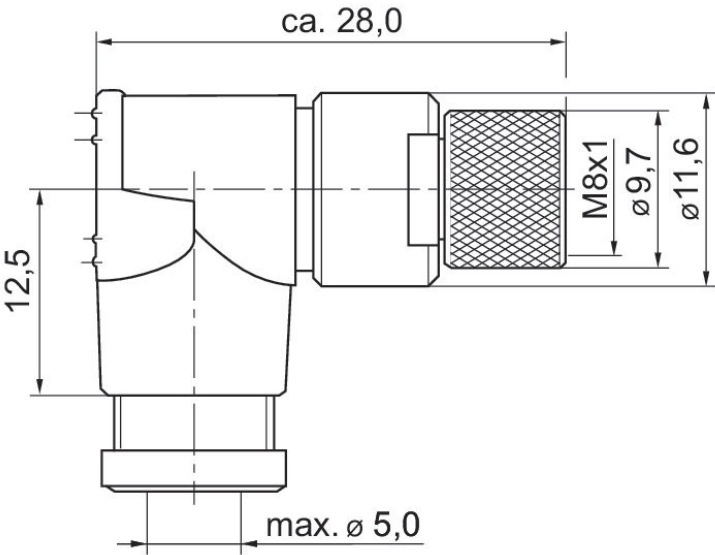
Round plug connector, Series CON-RD

Socket
M8x1
3-pin



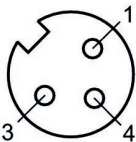
Opera-tional voltage	Contact assign-ment	Coding	Shielding	Connec-tion type	Max. current [A]	min. suit-able ca-ble Ø [mm]	max. suit-able ca-ble Ø [mm]	Min. am-bient tem-perature [°C]	Max. am-bient tem-perature [°C]	Part No.
48 V AC/DC	3-pin	A-coded	unshielded	Soldering	4	3.5	5	-40	85	1834484174

Dimensions in mm



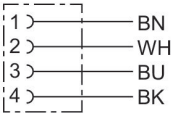
1834484174

Pin assignment, socket



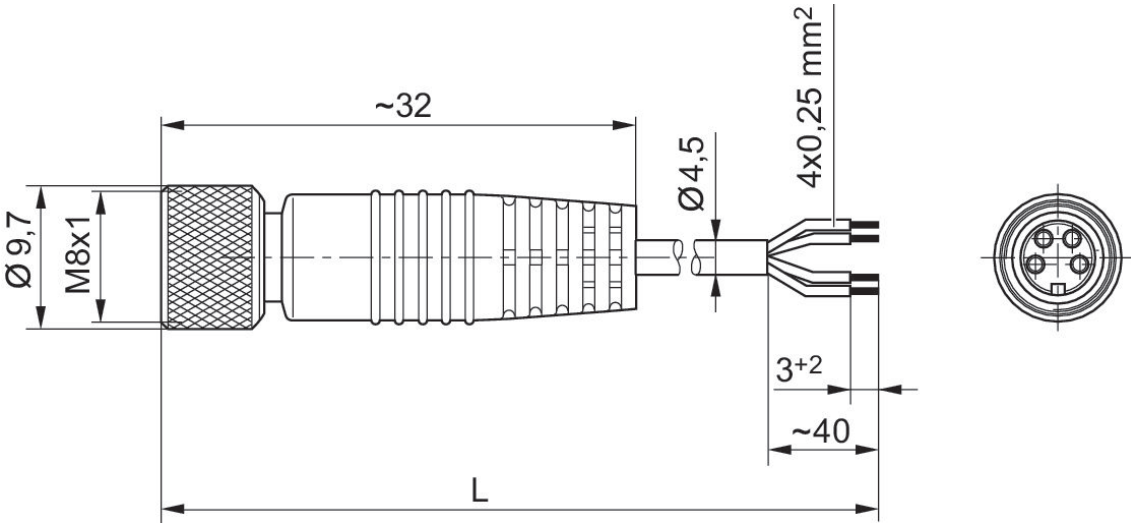
Round plug connector, Series CON-RD

Socket
M8x1
4-pin



Operational voltage	Current [A]	Shielding	Electrical connection 1, type	Electrical connection 1, thread size	Electrical connection 1, coding	Electrical connection 2, type	Cable length [m]	Cable-Ø [mm]	Wire cross-section [mm²]	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
48 V AC/DC	4	unshielded	Socket	M8x1	A-coded	open cable ends	3	4.5	0.25	-40	85	1834484144
48 V AC/DC	4	unshielded	Socket	M8x1	A-coded	open cable ends	5	4.5	0.25	-40	85	1834484146

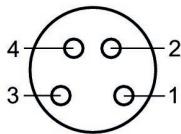
Dimensions



L = length

1834484144, 1834484146

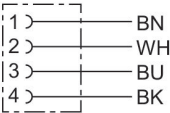
Pin assignment, socket



(1) BN=brown (2) WH=white (3) BU=blue (4) BK=black

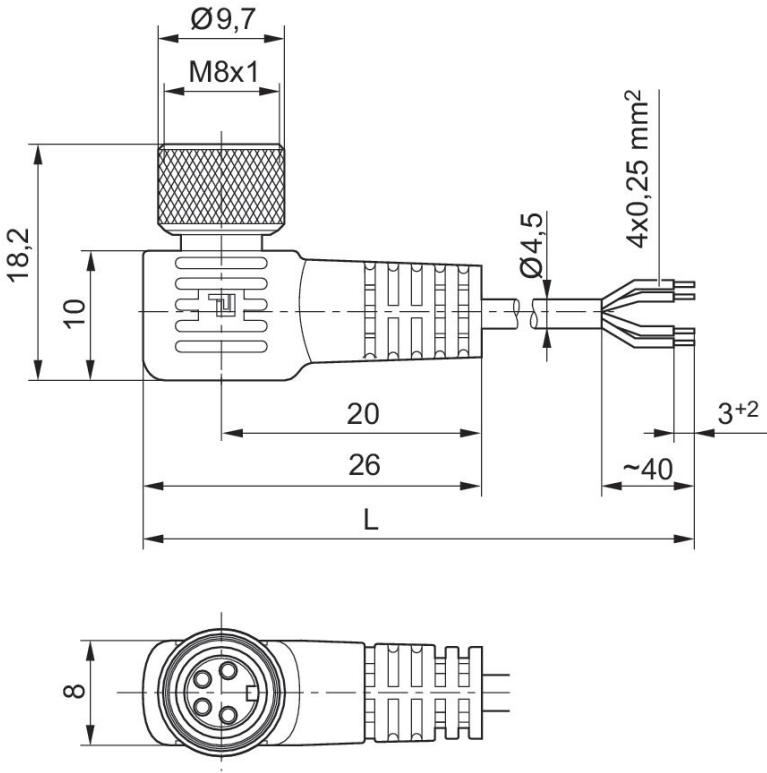
Round plug connector, Series CON-RD

Socket
M8x1
4-pin



Operational voltage	Current [A]	Shielding	Electrical connection 1, type	Electrical connection 1, thread size	Electrical connection 1, coding	Electrical connection 2, type	Cable length [m]	Cable-Ø [mm]	Wire cross-section [mm²]	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
48 V AC/DC	4	unshielded	Socket	M8x1	A-coded	open cable ends	3	4.5	0.25	-25	85	1834484145
48 V AC/DC	4	unshielded	Socket	M8x1	A-coded	open cable ends	5	4.5	0.25	-25	85	1834484147

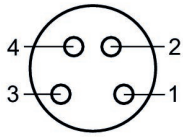
Dimensions in mm



L = length

1834484145, 1834484147

Pin assignment, socket



(1) BN=brown (2) WH=white (3) BU=blue (4) BK=black

Silencers, series SI1

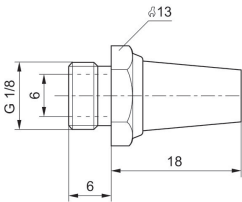
External thread
Sintered bronze



Compressed air connection	Sound pressure level [dB]	Nominal flow [l/min]	Delivery unit [piece]	Weight [kg]	Part No.
G 1/8	75	1623	10	0.01	1827000000
G 1/2	90	7223	2	0.08	1827000003

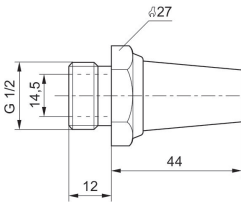
1827000000

Dimensions in mm



1827000003

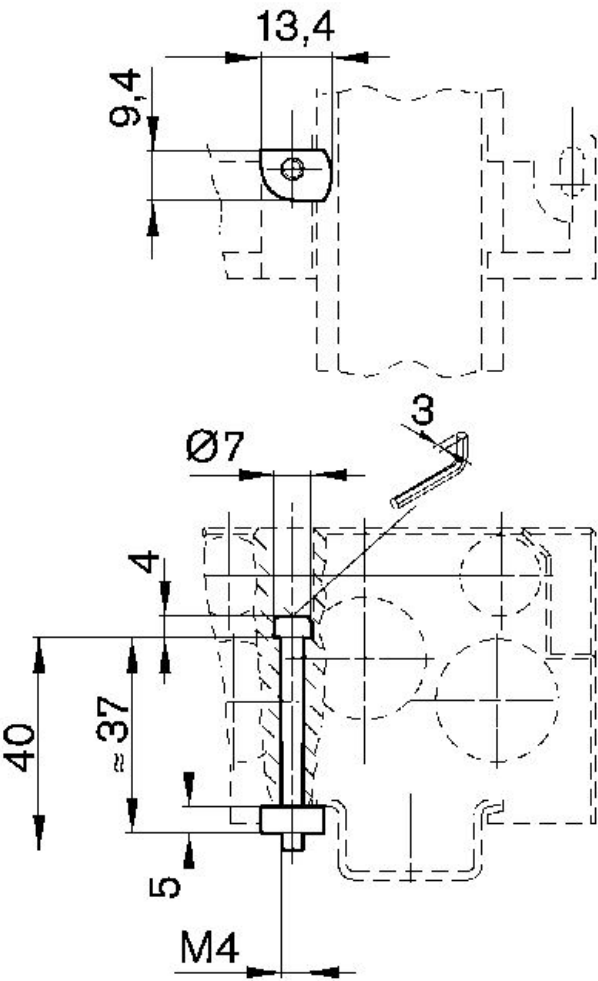
Dimensions in mm



Mounting kit for DIN rails DIN



Type	Type	Delivery unit [piece]	Weight [kg]	Part No.
Mounting kit for DIN rails EN 60715, 35x15	26 mm	1	0.014	1821398007



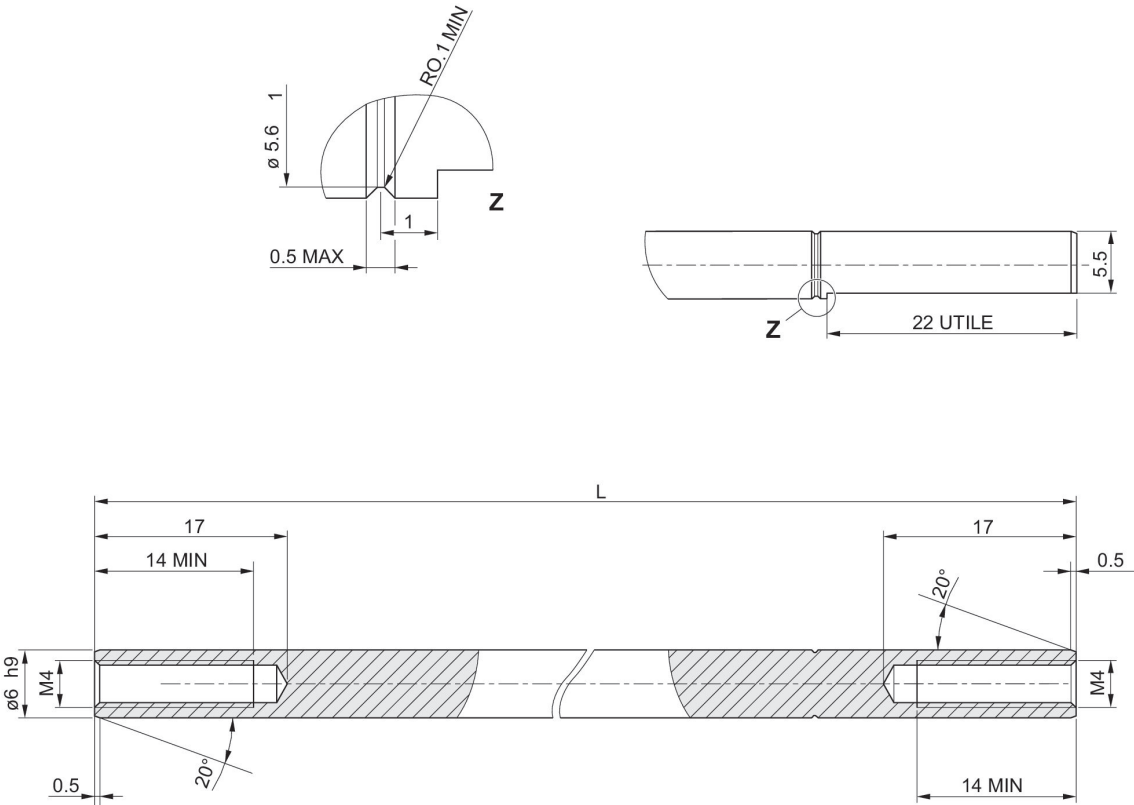
Accessories, Series TC15



Type	Length [mm]	Weight [kg]	Part No.
end plate kit: internal pilot, pneumatic subbase, right		0.435	1825504357
End plate kit: internal pilot, right pneumatic subbase, connection thread NPTF		0.435	R422101300
end plate kit: external pilot, pneumatic subbase, right		0.429	1825504358
End plate kit: external pilot, right pneumatic subbase, connection thread NPTF		0.429	R422101301
end plate kit: internal pilot, pneumatic subbase, left		0.485	R422000802
end plate kit: external pilot, pneumatic subbase, left		0.434	R422000803
end plate kit: internal pilot, pneumatic subbase on both sides		0.75	R422000678
end plate kit: external pilot, pneumatic subbase on both sides		0.935	R422000679
supply/separation plate, channels 1,3,5 closed, for subbase, right		0.245	1821039042
Supply/separation plate, channels 1, 3, 5 closed, for right subbase, connection thread NPTF		0.245	R422101302
supply/separation plate, channels 1,3,5 closed, for subbase, left		0.245	R412009789
supply/separation plate, channel 1 closed, channels 3 and 5 open, for subbase, right		0.244	R422000726
Supply/separation plate, channel 1 closed, channels 3 and 5 open, for right subbase, connection thread NPTF		0.244	R422101303
Blanking plate		0.265	R422000502
Tie rod extension for 2 valve positions, 1 piece	67.6	0.012	1823053258
Tie rod extension for 3 valve positions, 1 piece	88.5	0.017	1823053259
Tie rod extension for 4 valve positions, 1 piece	109.4	0.021	1823053260
Tie rod extension for 5 valve positions, 1 piece	130.3	0.026	1823053261
Tie rod extension for 6 valve positions, 1 piece	151.2	0.031	1823053262

Type	Length [mm]	Weight [kg]	Part No.
Tie rod extension for 7 valve positions, 1 piece	172.1	0.036	1823053263
Tie rod extension for 8 valve positions, 1 piece	193	0.04	1823053264
Tie rod extension for 9 valve positions, 1 piece	213.9	0.046	1823053265
Tie rod extension for 10 valve positions, 1 piece	234.8	0.05	1823053266
Tie rod extension for 11 valve positions, 1 piece	255.7	0.055	1823053267
Zugankererweiterung für 12 Ventilplätze, 1 piece	276.6	0.068	1823053268
Tie rod extension, 1 piece		0.004	1823503999
Sealing kit, 10 pieces		0.04	R422000141

Dimensions



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