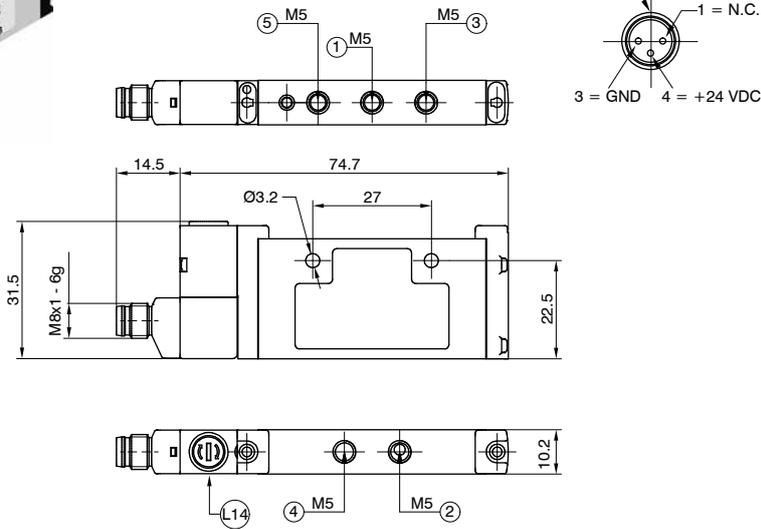


Solenoid-Spring / Solenoid-Differential - Version 3100 (10mm)

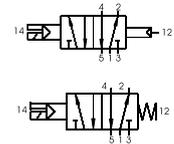
Coding: 3115.52.00.❸❹



FUNCTION	
❸	36 = Solenoid-Differential
❹	39 = Solenoid-Spring
CONNECTIONS	
❹	82 = M8 SPEED-UP connector 24VDC

SHORT FUNCTION CODE "A" (39)
SHORT FUNCTION CODE "B" (36)

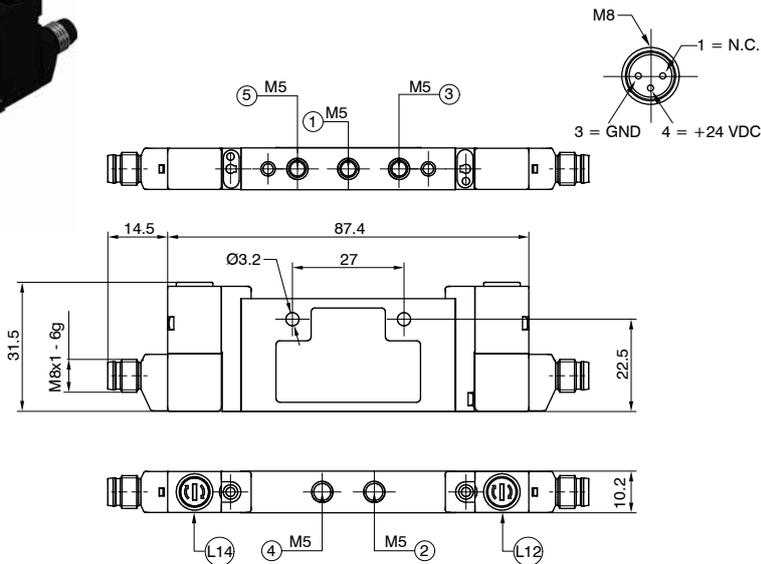
L14 = Manual over ride - side 14



Operational characteristics		*Operating time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001*					
Coding example	Fluid	Flow rate at 6 bar with $\Delta p=1$ (Nl/min)	Response time according to ISO 12238, activation time (ms)	Response time according to ISO 12238, deactivation time (ms)	Pilot pressure (bar)	Temperature °C	Weight (g)
3115.52.00.39.❹ Solenoid-Spring	Filtered air. No lubrication needed, if applied it shall be continuous	160	10	20	2.5 ... 7	-5 ... +50	49
3115.52.00.36.❸ Solenoid-Differential				15			

Solenoid-Solenoid - Version 3100 (10mm)

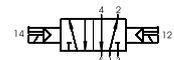
Coding: 3115.52.00.35.❹



CONNECTION	
❹	82 = M8 SPEED-UP connector 24VDC

SHORT FUNCTION CODE "C"

L12 = Manual over ride - side 12
L14 = Manual over ride - side 14



Operational characteristics		*Operating time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001*					
Coding example	Fluid	Flow rate at 6 bar with $\Delta p=1$ (Nl/min)	Response time according to ISO 12238, activation time (ms)	Response time according to ISO 12238, deactivation time (ms)	Pilot pressure (bar)	Temperature °C	Weight (g)
3115.52.00.35.❹ Solenoid-Solenoid	Filtered air. No lubrication needed, if applied it shall be continuous	160	10	20	2.5 ... 7	-5 ... +50	59

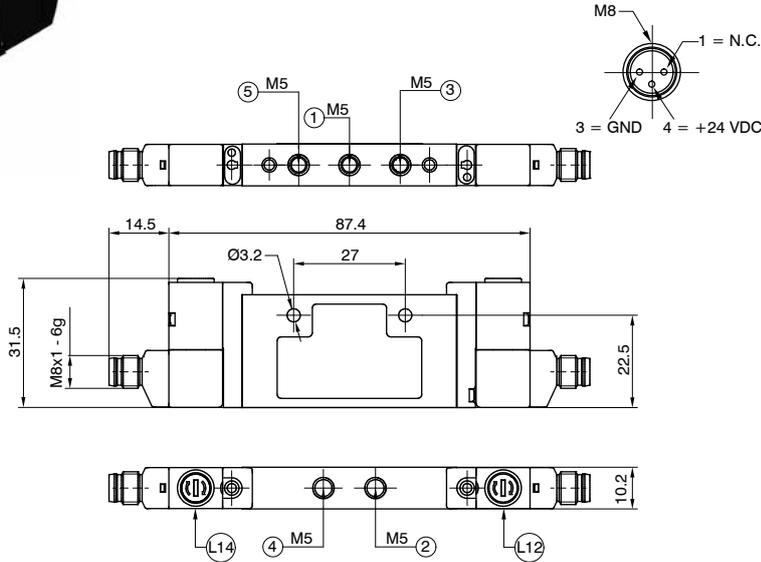


Solenoid valves manifold
Series 3000 - STAND ALONE - Version 3100 (10mm) - Self feeding

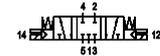
AIR DISTRIBUTION

Solenoid-Solenoid 5/3 (Closed centres) - Version 3100 (10mm)

Coding: 3115.53.31.35. **C**



L12 = Manual over ride - side 12
L14 = Manual over ride - side 14



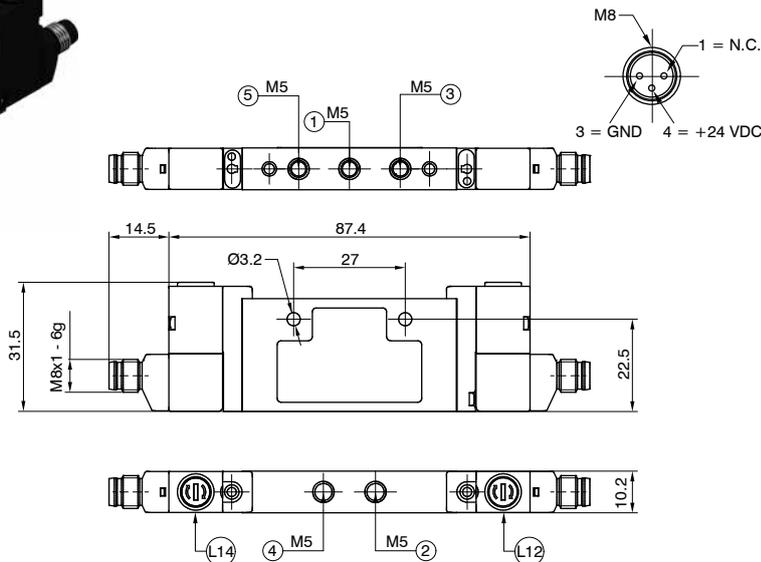
SHORT FUNCTION CODE "E"

CONNECTION	
C	82 = M8 SPEED-UP connector 24VDC

Operational characteristics		*Operating time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001*					
Coding example	Fluid	Flow rate at 6 bar with $\Delta p=1$ (Nl/min)	Response time according to ISO 12238, activation time (ms)	Response time according to ISO 12238, deactivation time (ms)	Pilot pressure (bar)	Temperature °C	Weight (g)
3115.53.31.35. C Solenoid-Solenoid (Closed centres)	Filtered air. No lubrication needed, if applied it shall be continuous	150	10	20	2,5 ... 7	-5 ... +50	59

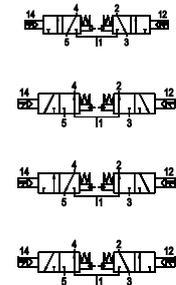
Solenoid-Solenoid 2x3/2 - Version 3100 (10mm)

Coding: 3115.62. **F**.35. **C**



L12 = Manual over ride - side 12
L14 = Manual over ride - side 14

FUNCTION	
F	44 = N.C.-N.C. (5/3 Open centres)
F	45 = N.C.-N.O.
F	55 = N.O.-N.O. (5/3 Pressured centres)
F	54 = N.O.-N.C.
CONNECTION	
C	82 = M8 SPEED-UP connector 24VDC



SHORT FUNCTION CODE:
N.C.-N.C. (5/3 Open centres) = "F"
N.O.-N.O. (5/3 Pressured centres) = "G"
N.C.-N.O. = "H"
N.O.-N.C. = "I"

Operational characteristics		*Operating time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001*					
Coding example	Fluid	Flow rate at 6 bar with $\Delta p=1$ (Nl/min)	Response time according to ISO 12238, activation time (ms)	Response time according to ISO 12238, deactivation time (ms)	Pilot pressure (bar)	Temperature °C	Weight (g)
3115.62.44.35. C N.C.-N.C. (5/3 Open centres)	Filtered air. No lubrication needed, if applied it shall be continuous	150	10	15	2,5 ... 7	-5 ... +50	59,4
3115.62.55.35. C N.O.-N.O. (5/3 Pressured centres)							
3115.62.45.35. C N.C.-N.O.							
3115.62.54.35. C N.O.-N.C.							

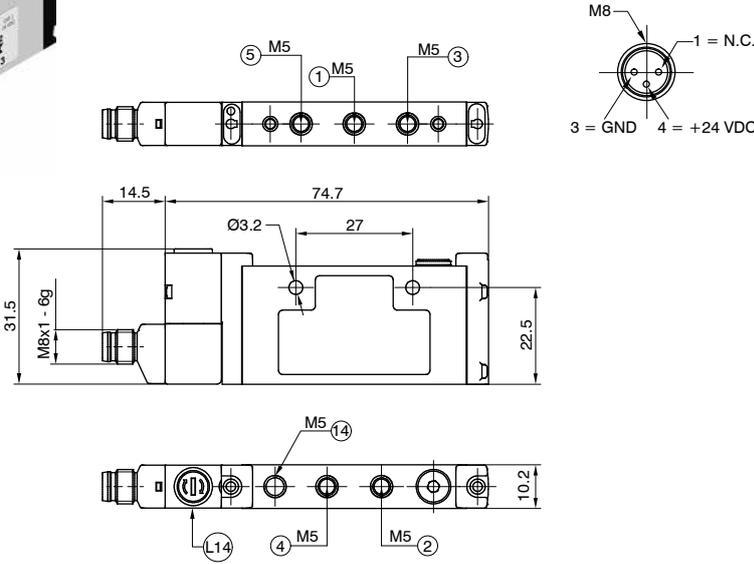
Solenoid-Spring - Version 3100 (10mm)

Coding: 3115.52.00.29. **C**

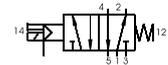
CONNECTION	
C	82 = M8 SPEED-UP connector 24VDC



RU US



L12 = Manual over ride - side 12
L14 = Manual over ride - side 14



SHORT FUNCTION CODE "A" (29)

Operational characteristics		*Operating time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001*						
Coding example	Fluid	Flow rate at 6 bar with $\Delta p=1$ (NI/min)	Response time according to ISO 12238, activation time (ms)	Response time according to ISO 12238, deactivation time (ms)	Working pressure (bar)	Pilot pressure (bar)	Temperature °C	Weight (g)
3115.52.00.29. C Solenoid-Spring	Filtered air. No lubrication needed, if applied it shall be continuous	160	10	20	From vacuum to 10	2,5 ... 7	-5 ... +50	49

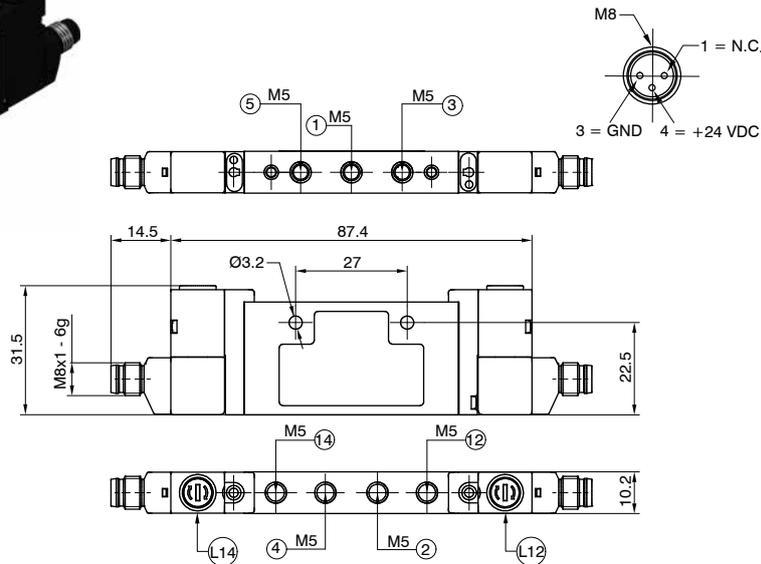
Solenoid-Solenoid - Version 3100 (10mm)

Coding: 3115.52.00.25. **C**

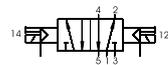
CONNECTION	
C	82 = M8 SPEED-UP connector 24VDC



RU US



L12 = Manual over ride - side 12
L14 = Manual over ride - side 14



SHORT FUNCTION CODE "C"

Operational characteristics		*Operating time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001*						
Coding example	Fluid	Flow rate at 6 bar with $\Delta p=1$ (NI/min)	Response time according to ISO 12238, activation time (ms)	Response time according to ISO 12238, deactivation time (ms)	Working pressure (bar)	Pilot pressure (bar)	Temperature °C	Weight (g)
3115.52.00.25. C Solenoid-Solenoid	Filtered air. No lubrication needed, if applied it shall be continuous	160	10	10	From vacuum to 10	2,5 ... 7	-5 ... +50	59

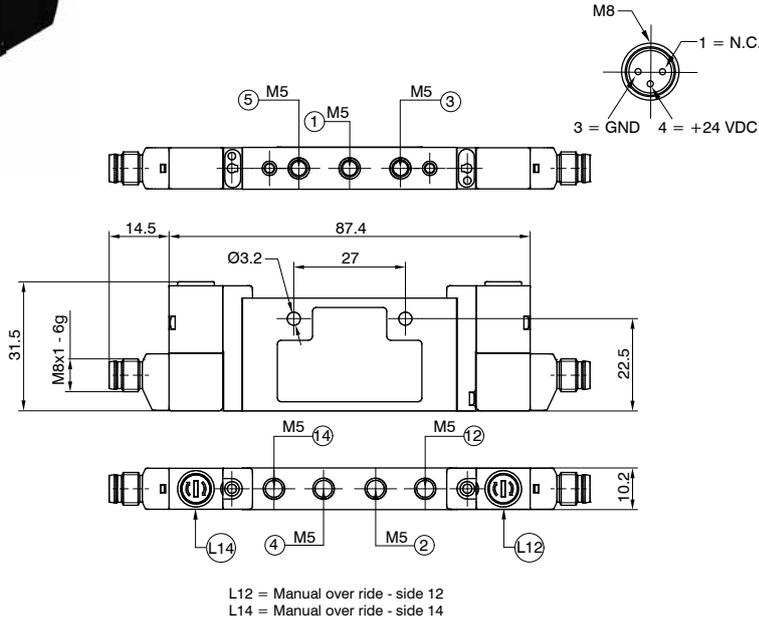


Solenoid valves manifold
Series 3000 - STAND ALONE - Version 3100 (10mm) - External feeding

AIR DISTRIBUTION

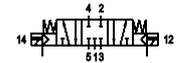
Solenoid-Solenoid 5/3 (Closed centres) - Version 3100 (10mm)

Coding: 3115.53.31.25. **C**



CONNECTION	
C	82 = M8 SPEED-UP connector 24VDC

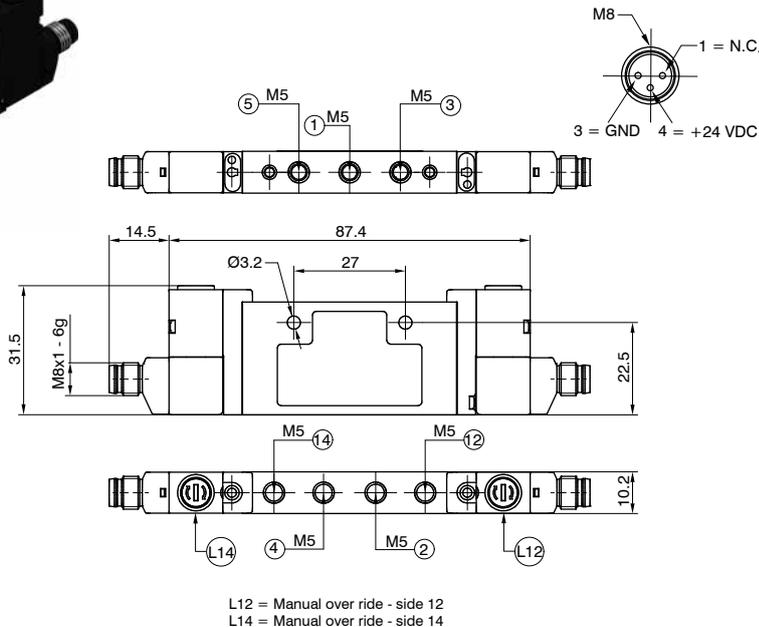
SHORT FUNCTION CODE "E"



Operational characteristics		"Operating time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001"						
Coding example	Fluid	Flow rate at 6 bar with $\Delta p=1$ (NI/min)	Response time according to ISO 12238, activation time (ms)	Response time according to ISO 12238, deactivation time (ms)	Working pressure (bar)	Pilot pressure (bar)	Temperature °C	Weight (g)
3115.53.31.25. C Solenoid-Solenoid 5/3 (Closed centres)	Filtered air. No lubrication needed, if applied it shall be continuous	150	10	20	From vacuum to 10	2,5 ... 7	-5 ... +50	59

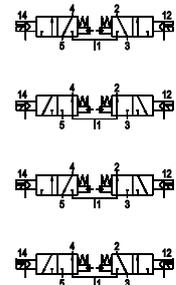
Solenoid-Solenoid 2x3/2 - Version 3100 (10mm)

Coding: 3115.62. **F**.25. **C**



FUNCTION	
F	44 = N.C.-N.C. (5/3 Open centres)
F	45 = N.C.-N.O.
F	55 = N.O.-N.O. (5/3 Pressured centres)
F	54 = N.O.-N.C.
CONNECTION	
C	82 = M8 SPEED-UP connector 24VDC

SHORT FUNCTION CODE:
 N.C.-N.C. (5/3 Open centres) = "F"
 N.O.-N.O. (5/3 Pressured centres) = "G"
 N.C.-N.O. = "H"
 N.O.-N.C. = "I"



Operational characteristics		"Operating time of pneumatic directional control valves or moving parts, logic devices were measured in accordance to ISO 12238:2001"						
Coding example	Fluid	Flow rate at 6 bar with $\Delta p=1$ (NI/min)	Response time according to ISO 12238, activation time (ms)	Response time according to ISO 12238, deactivation time (ms)	Working pressure (bar)	Pilot pressure (bar)	Temperature °C	Weight (g)
3115.62.44.25. C N.C.-N.C. (5/3 Open centres)	Filtered air. No lubrication needed, if applied it shall be continuous	150	10	15	From vacuum to 10	$\geq 3 + (02 \times \text{Inlet } p.)$	-5 ... +50	59,4
3115.62.55.25. C N.O.-N.O. (5/3 Pressured centres)								
3115.62.45.25. C N.C.-N.O.								
3115.62.54.25. C N.O.-N.C.								