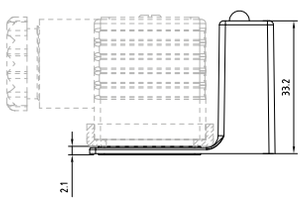
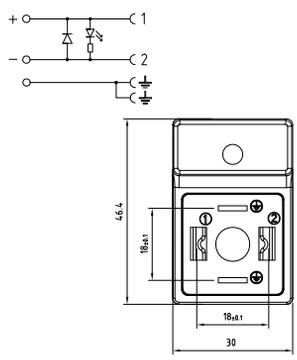
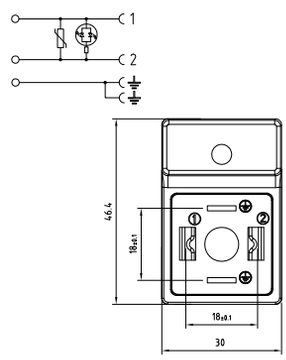
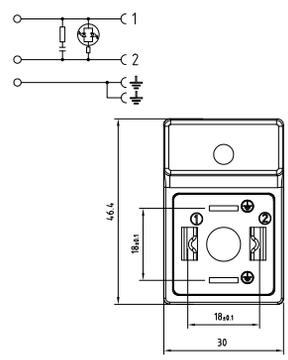
VALVE CONNECTORS

Adapters bases for DIN Valve connectors - Form A
EN175301-803(DIN43650)





Technical drawing									
									
Product description									
Connector type	Adapter base for DIN valve connectors			Adapter base for DIN valve connectors			Adapter base for DIN valve connectors		
Conforms to	EN175301-803			EN175301-803			EN175301-803		
Construction type	A			A			A		
Part number	**AG1N02DL1**	**AG1N02DL2**	**AG1N02DL3**	**AG1N02VL1**	**AG1N02VL2**	**AG1N02VL3**	**AG1N02FL1**	**AG1N02FL2**	**AG1N02FL3**
Description	Square Angled 90° adapter AG1 series			Square Angled 90° adapter AG1 series			Square Angled 90° adapter AG1 series		
Contacts spacing	18mm			18mm			18mm		
Number of contacts	2poles + 2P.E.			2poles + 2P.E.			2poles + 2P.E.		
Earth positioning	H.6-12			H.6-12			H.6-12		
Adapter colour	Black			Black			Black		
Adapter height	33.2mm			33.2mm			33.2mm		
Technical data									
Rated voltage	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Led + Diode(1A)			Bipolar Led + Varistor			Bipolar Led + RC circuit		
Led colour	Red			Red			Red		
Packaging									
Qty/Bag	1pc / bag			1pc / bag			1pc / bag		
Other accessories options									
-									
Notes:	Adapter available with different led colour. Adapter available with different circuits.			Adapter available with different led colour. Adapter available with different circuits.			Adapter available with different led colour. Adapter available with different circuits.		

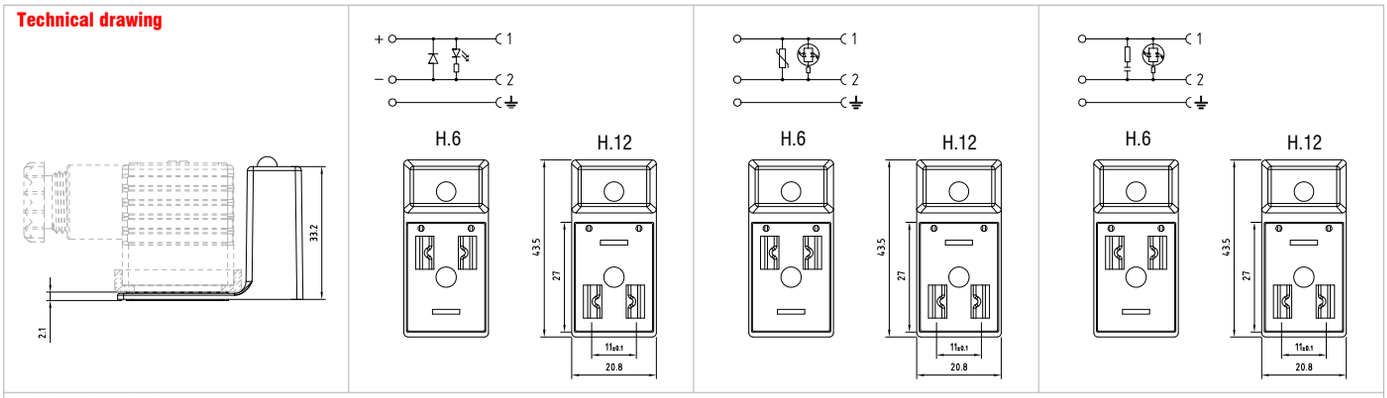
VALVE CONNECTORS

Adapters bases for DIN Valve connectors - Form B

Industrial



Technical drawing



Product description									
Connector type	Adapter base for DIN valve connectors			Adapter base for DIN valve connectors			Adapter base for DIN valve connectors		
Conforms to	Industrial			Industrial			Industrial		
Construction type	B			B			B		
Part number (P.E. H.6)	**AM1N02DL1A**	**AM1N02DL2A**	**AM1N02DL3A**	**AM1N02VL1A**	**AM1N02VL2A**	**AM1N02VL3A**	**AM1N02FL1A**	**AM1N02FL2A**	**AM1N02FL3A**
Part number (P.E. H.12)	**AM1N02DL1B**	**AM1N02DL2B**	**AM1N02DL3B**	**AM1N02VL1B**	**AM1N02VL2B**	**AM1N02VL3B**	**AM1N02FL1B**	**AM1N02FL2B**	**AM1N02FL3B**
Description	Rectangular angled 90° adapter AM1 series			Rectangular angled 90° adapter AM1 series			Rectangular angled 90° adapter AM1 series		
Contacts spacing	11mm			11mm			11mm		
Number of contacts	2poles + P.E.			2poles + P.E.			2poles + P.E.		
Earth positioning	H.6 or H.12			H.6 or H.12			H.6 or H.12		
Adapter colour	Black			Black			Black		
Adapter height	33.2mm			33.2mm			33.2mm		
Technical data									
Rated voltage	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Led + Diode(1A)			Bipolar Led + Varistor			Bipolar Led + RC circuit		
Led colour	Red			Red			Red		
Packaging									
Qty/Bag	1pc / bag			1pc / bag			1pc / bag		
Other accessories options									
-									

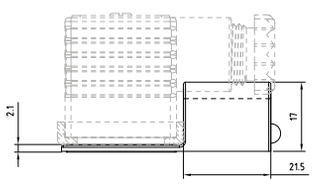
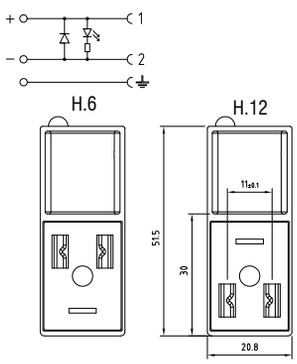
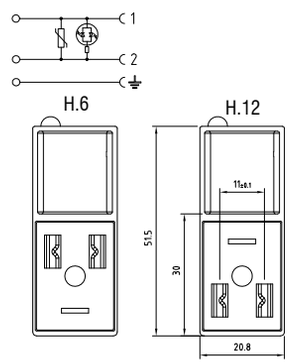
Notes:
Adapter available with different led colour.
Adapter available with different circuits.

VALVE CONNECTORS

Adapters bases for DIN Valve connectors - Form B
Industrial





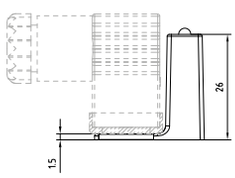
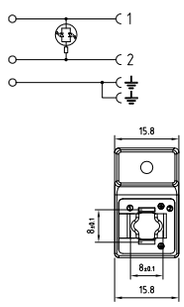
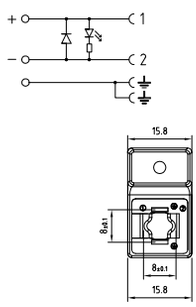
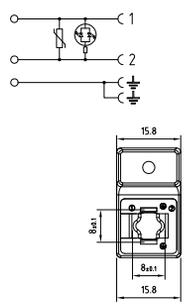
Technical drawing	 					
Product description						
Connector type	Adapter base for DIN valve connectors			Adapter base for DIN valve connectors		
Conforms to	Industrial			Industrial		
Construction type	B			B		
Part number (P.E. H.6)	**AM1N02DL1A-180**	**AM1N02DL2A-180**	**AM1N02DL3A-180**	**AM1N02VL1A-180**	**AM1N02VL2A-180**	**AM1N02VL3A-180**
Part number (P.E. H.12)	**AM1N02DL1B-180**	**AM1N02DL2B-180**	**AM1N02DL3B-180**	**AM1N02VL1B-180**	**AM1N02VL2B-180**	**AM1N02VL3B-180**
Description	Rectangular straight 180° adapter AM1 series			Rectangular straight 180° adapter AM1 series		
Contacts spacing	11mm			11mm		
Number of contacts	2poles + P.E.			2poles + P.E.		
Earth positioning	H.6 or H.12			H.6 or H.12		
Adapter colour	Black			Black		
Adapter height	33.2mm			33.2mm		
Technical data						
Rated voltage	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Led + Diode(1A)			Bipolar Led + Varistor		
Led colour	Red			Red		
Packaging						
Qty/Bag	1pc / bag			1pc / bag		
Other accessories options						
-						
Notes: Adapter available with different led colour. Adapter available with different circuits.						

VALVE CONNECTORS

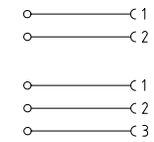
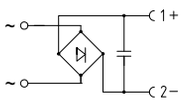
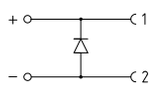
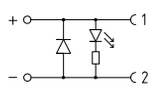
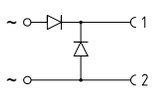
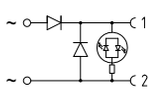
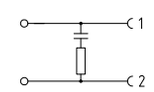
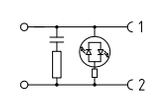
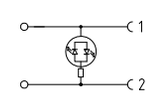
Adapters bases for DIN Valve connectors - Form C
EN175301-803(DIN43650)



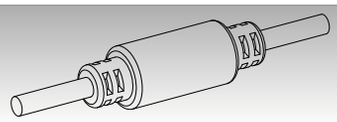


Technical drawing			
			
Product description			
Connector type	Adapter base for DIN valve connectors	Adapter base for DIN valve connectors	Adapter base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C
Part number	**AP1N02L01** **AP1N02L02** **AP1N02L03**	**AP1N02DL1** **AP1N02DL2** **AP1N02DL3**	**AP1N02VL1** **AP1N02VL2** **AP1N02VL3**
Description	Square micro angled 90° adapter AP1 series	Square micro angled 90° adapter AP1 series	Square micro angled 90° adapter AP1 series
Contacts spacing	8mm	8mm	8mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Adapter colour	Black	Black	Black
Adapter height	26mm	26mm	26mm
Technical data			
Rated voltage	24V AC/DC 115V AC/DC 230V AC/DC	24V DC 115V DC 230V DC	24V AC/DC 115V AC/DC 230V AC/DC
Circuit type	Bipolar Led	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	Red	Red	Red
Packaging			
Qty/Bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options			
-			

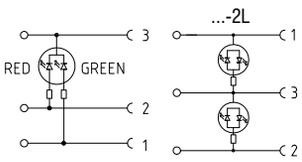
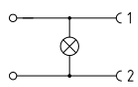
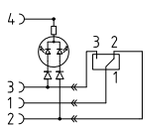
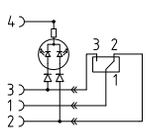
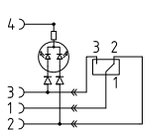
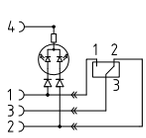
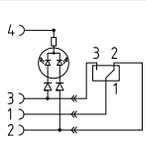
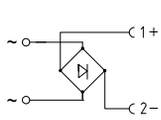
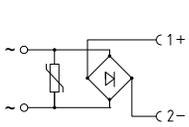
Notes:
Adapter available with different led colour.
Adapter available with different circuits.

Input type	Wiring diagram	Rated voltage	Circuit code	Led colour	Circuit description	Product type field attachable	Product type with cable
AC / DC		250V 300V	**00**	-	Circuit without electronic components.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
AC		10-230V	**CR**	-	Circuit with **Full-wave rectifier** to polarize the output current (DC) independently to input current type (AC) and **Condenser** to reduce the ripple on the output.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
DC		1-230V	**D0**	-	Circuit with **Diode** to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
DC		12V 24V 48V 115V 230V	**DG** **DL** **DV**	Yellow Red Green	Circuit with **Diode** to give overvoltage protection when switching off supply and **unipolar** indicator **Led** to confirm voltage supply. Must be respected the polarity direction.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
AC		1-230V	**E1**	-	Circuit with **Half-wave rectifier** and **Diode** to give overvoltage protection when switching off supply.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
AC		12V 24V 48V 115V 230V	**EG** **EL** **EV**	Yellow Red Green	Circuit with **Half-wave rectifier** + **Diode** to give overvoltage protection when switching off supply and **bipolar** indicator **Led** to confirm voltage supply.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1* CM1 CP2* CM1B CP2C*
AC / DC		10-230V	**F0**	-	**RC decay circuit** to dissipate high energies generate by highly inductive loads.	G1 - G1C G4	CG1 CM2 CGB CP1* CM1 CP2* CM1B CP2C*
AC / DC		12V 24V 48V 115V 230V	**FG** **FL** **FV**	Yellow Red Green	**RC decay circuit** to dissipate high energies generate by highly inductive loads and **bipolar** indicator **Led** to confirm voltage supply.	G1-G1C G4	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
AC / DC		12V 24V 48V 115V 230V	**L8** **L0** **L9**	Yellow Red Green	**Circuit with bipolar** indicator **Led** to confirm voltage supply. Circuit without protection components.	G1-G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C

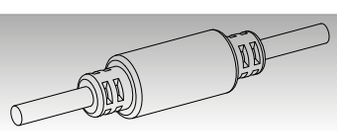
*** = Product avaible with case overmoulded on the cable.**



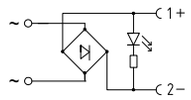
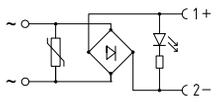
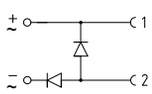
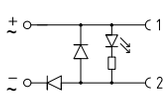
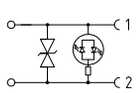
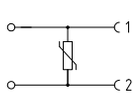
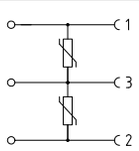
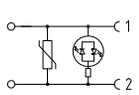
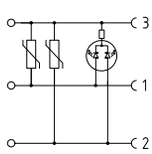
VALVE CONNECTORS
Circuits codification scheme

Input type	Wiring diagram	Rated voltage	Circuit code	Led colour	Circuit description	Product type field attachable	Product type with cable
AC / DC		12V 24V 48V 115V 230V	**L2**	PIN 1:Green PIN 2:Red	**Circuit with n°1 bicolour** indicator **Led**. Circuit without protection components.	G1 - G1C G4	-
			L2... -2L	Red	**Circuit with n°2 bipolar** indicator **Leds**. Circuit without protection components.		
AC / DC		12V 24V 48V 115V 230V	**P0**	White	Circuit with **filament lamp indicator** to confirm voltage supply. Circuit without protection components.	G1 - G1C G4 M1 M2	-
DC		12V 24V 48V 115V 230V	**Q0**	PIN 2:Red PIN 3:Green	Circuit with **Bicolour Led** to show the position of the changeover contact (ex. pressure switches) and n°2 **Diodes** to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1-G1C G4	CG1
DC		12V 24V 48V 115V 230V	**Q1**	PIN 2:Yellow PIN 3:Green	Circuit with **Bicolour Led** to show the position of the changeover contact (ex. pressure switches) and n°2 **Diodes** to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 - G1C G4	CG1
DC		12V 24V 48V 115V 230V	**Q2**	PIN 2:Green PIN 3:Yellow	Circuit with **Bicolour Led** to show the position of the changeover contact (ex. pressure switches) and n°2 **Diodes** to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 - G1C G4	CG1
DC		12V 24V 48V 115V 230V	**Q6**	PIN 1:Green PIN 2:Red	Circuit with **Bicolour Led** to show the position of the changeover contact (ex. pressure switches) and n°2 **Diodes** to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 G4	CG1
DC		12V 24V 48V 115V 230V	**Q8**	PIN 2:Green PIN 3:Red	Circuit with **Bicolour Led** to show the position of the changeover contact (ex. pressure switches) and n°2 **Diodes** to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 - G1C G4	CG1
AC		1-230V	**R0**	-	Circuit with **Full-wave rectifier** to polarize the output current (DC) independently to input current type (AC). Circuit without protection components.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
AC		12V 24V 48V 115V 230V	**RV**	-	Circuit with **Full-wave rectifier** to polarize the output current (DC) independently to input current type (AC) and **Varistor** to give overvoltage protection when switching off supply.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*

*** = Product avaible with case overmoulded on the cable.**



VALVE CONNECTORS
Circuits codification scheme

Input type	Wiring diagram	Rated voltage	Circuit code	Led colour	Circuit description	Product type field attachable	Product type with cable
AC		12V 24V 48V 115V 230V	**RE**	Red	Circuit with **Full-wave rectifier** to polarize the output current (DC) independently to input current type (AC) and **unipolar** indicator **Led** to confirm voltage supply. Circuit without protection components.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
AC		12V 24V 48V 115V 230V	**RG**	Yellow	Circuit with **Full-wave rectifier** to polarize the output current (DC) independently to input current type (AC) and **Varistor** to give overvoltage protection when switching off supply + **unipolar** indicator **Led** to confirm voltage supply.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
			RL	Red			
DC		1-230V	**SO**	-	Circuit with **Half-wave rectifier** and **Diode** to give overvoltage protection when switching off supply. With AC it eliminates half a cycle.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
DC		12V 24V 48V 115V 230V	**SG**	Yellow	Circuit with **Half-wave rectifier** and **Diode** to give overvoltage protection when switching off supply + **unipolar** indicator **Led** to confirm voltage supply. With AC it eliminates half a cycle.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1* CM1 CP2* CM1B CP2C*
			SL	Red			
			SV	Green			
AC / DC		12V 24V 48V 115V 230V	**TG**	Yellow	Circuit with **Transient** suppressor(Transil) to give overvoltage protection when switching off supply. Circuit protection component indipendent of polarity direction.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
			TL	Red			
			TV	Green			
AC / DC		12V 24V 48V 115V 230V	**VO**	-	Circuit with **Varistor** to give overvoltage protection when switching off supply. Circuit protection component indipendent of polarity direction.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
AC / DC		12V 24V 48V 115V 230V	**V2**	-	**Circuit with n°2 Varistors** to give overvoltage protection when switching off supply. Circuit protection component indipendent of polarity direction.	G1 - G1C G4	CG1 CGB CP1* CP2* CP2C*
AC / DC		12V 24V 48V 115V 230V	**VG**	Yellow	Circuit with **Varistor** to give overvoltage protection when switching off supply and **bipolar** indicator **Led** to confirm voltage supply. Circuit protection component indipendent of polarity direction.	G1-G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
			VL	Red			
			VV	Green			
AC / DC		12V 24V 48V 115V 230V	**WL**	PIN 1:Yellow PIN 2:Red	Circuit with **Bicolour Led** to show the position of the changeover contact (ex. pressure switches) and **n°2 Varistors** to give overvoltage protection when switching off supply. Circuit protection component indipendent of polarity direction.	G1-G1C G4	CG1 CGB CP1* CP2* CP2C*

*** = Product avaible with case overmoulded on the cable.**

