GENERAL FEATURES:

Cable Gland :
PG7: ø CABLE 4-6mm
PG9 : ø CABLE 6-8mm.
PG11 : ø CABLE 6-10mm.
1/2" NPTF : ø CABLE 8-10mm.
SK(G1) : ø CABLE 4-8.6mm.
SK(M1-M2) : ø CABLE 4-8.6mm.
SK(P1-P2) : ø CABLE 3.5-5.5mm.

Conductor cross section :
0.50(20AWG)...1.50mm²(16AWG).

Fixing system :
Central fixing screw.

Max. screw torque IEC60947-1
(Central fixing screw) **:**
G1-G4-M1-M2-P2 series: Max. 0.5 N*m.
P1 series: Max. 0.4 N*m.

Type of terminations :
Screw(with protection plate).

Contact material and treatment :
Brass + Silver plated.

Max. contact screw torque IEC60947-1 :
G1-G4-M1-M2 series: Max. 0.5 N * m.
P1-P2 series: Max. 0.4 N * m.

Housing material :
PA66 UL94-V2 standard.
PA66 UL94 -V0 ATEX approved.
PA66 UL94 -V0 UL approved.

Internal core material :
PA66 UL94-V2 standard.
PA66 UL94-V0 ATEX approved.
PA66 UL94-V0 UL approved.

Flammability resistance :
UL94-V2 - Standard.
UL94 V0 ATEX approved.
UL94-V0 - UL approved.

Protection class :
IP 65 / 66 / 67 (assembled).

Operating temperature :
-40°C +90°C Standard (with NBR gasket).
-40°C +125°C Standard (Black with Silicone gasket).
-20°C +85°C Atex approved.
-40°C +65°C (Transparent or Black) ULapproved(-UL).
-40°C +90°C (Black) ULapproved (-UL1).
-40°C +120°C (Black) ULapproved (-UL4).

Nominal current :
G1-G4-M1-M2 series: 10A.
P1-P2 series: 6A.

Max contact current :
G1-G4-M1-M2 series: 16A
P1-P2 series: 10A.
G1-G4-M1-M2 ATEX series: 10A*
P1-P2 series: 6A*.
*Max current permanent ammisible for one contacts pair.

#	G1	N	U	2	00	0	-	##

PACKAGING
NO DIGIT : STANDARD PACKAGING.
I : SINGLE BAG.

SERIES
G1 : EN175301-803 form A (18mm).
G1C : EN175301-803 form A (18mm) complete with COVER.
G1F : EN175301-803 form A (18mm) suitable for FASTONS contacts.
G4 : Form A (18mm) Housing height : ~46mm.
M1 : INDUSTRIAL form B (11mm).
M2 : EN175301-803 form B (10mm).
P1 : EN175301-803 form C (8mm).
P2 : MICRO INDUSTRIAL form C (9.4mm).

COLOUR
B : BLUE.
G : GREY.
N : BLACK (STANDARD).
T : TRANSPARENT (STANDARD).

CABLE GLAND
F : 1/2" NPTF (form A and form B/INDUSTRIAL).
P : M16X1.5 (form B).
S : PG9 (form B/INDUSTRIAL).
U : PG9/11 UNIFIED (form A).
Z : PG7 (form C/MICRO INDUSTRIAL).

POLES No.
2 : 2POLES + EARTH.
3 : 3POLES + EARTH.

CIRCUIT TYPE
SEE CIRCUITS FEATURES PAGE.

VOLTAGE
0 : 250V / 300V.
1 : 24V.
2 : 115V.
3 : 230V.
4 : 12V.
5 : 48 V.

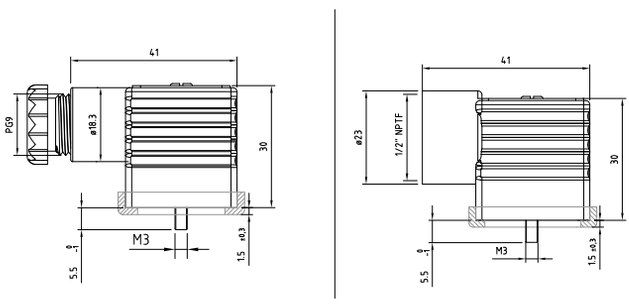
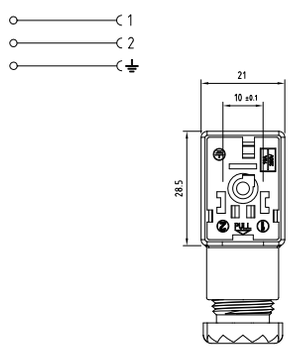
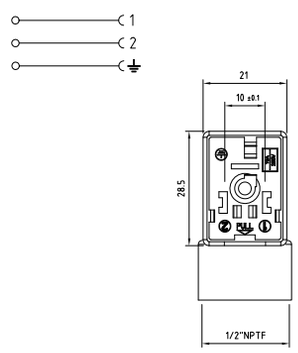
SOME VARIABLES
ATEX : ATEX CONFORM.
H : EXAGONAL PRESS-CABLE.
IG : INTEGRATED GASKET.
P : FLAT GASKET.
SK : CABLE GLAND SK STYLE.
3A : ELECTRONIC WITH 3A COMPONENTS.
4D : BRIDGE RECTIFIER WITH 4 DIODES.
SS : STAINLESS STEEL SCREW.
UL : UL APPROVED -40°C +65°C (Black or Transparent connector).
UL1 : UL APPROVED -40°C +90°C (Black connector).
UL4 : UL APPROVED -40°C +125°C (Black connector).
Y : WITHOUT H.T.P.LOGO.

VALVE CONNECTORS

Field attachable connectors - Form B
EN175301-803(DIN43650)





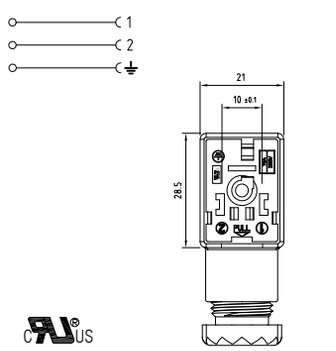
Technical drawing		
		
Product description		
Connector type	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803
Construction type	B	B
Part number	**M2NS2000**	**M2NF2000**
Description	Rectangular connector M2 series complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M2 series complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	10mm	10mm
Number of contacts	2poles + P.E.	2poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black
Housing height	30mm	30mm
Cable gland	PG9	1/2"NPTF
Gasket type	Profiled NBR gasket	Profiled NBR gasket
Technical data		
Type of termination	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-
Led colour	-	-
Suitable cable	ø cable 6-8mm	ø cable 6-8mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m
Packaging		
Qty/Box	50pcs / box	50pcs / box
Other accessories options		
See accessories section		
Notes:	Connector with Grey Housing: P/N M2GS2000	Connector with Grey Housing: P/N M2GF2000 Connector without press-cable screw

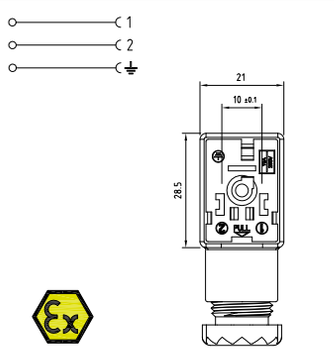
VALVE CONNECTORS

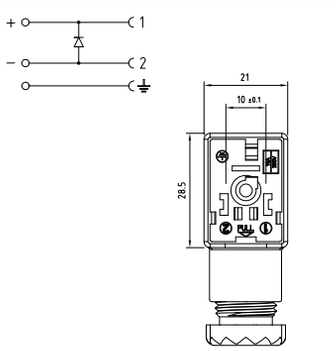
Field attachable connectors - Form B
EN175301-803(DIN43650)

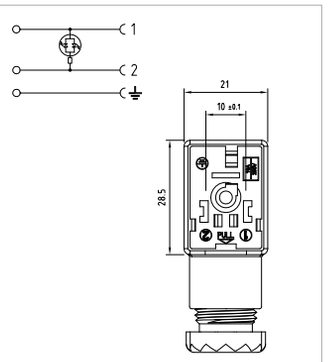










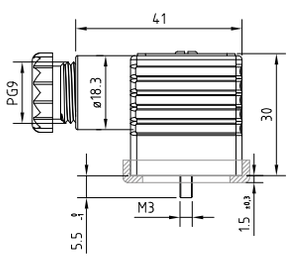
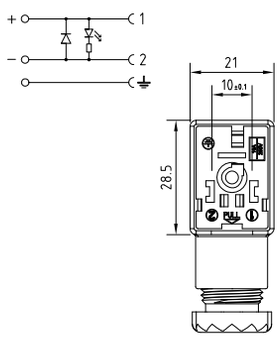
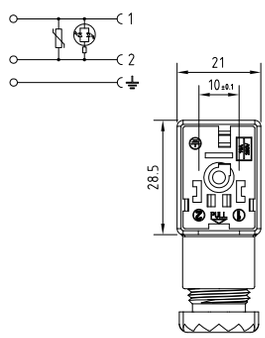
Product description					
DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors		
EN175301-803	EN175301-803	EN175301-803	EN175301-803		
B	B	B	B		
M2NS2000-UL	**M2NS2000-ATEX**	**M2NS2D03**	**M2TS2L01**	**M2TS2L02**	**M2TS2L03**
Rectangular connector M2 series,ULapproved, complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M2 series,ATEX conform,complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.		
10mm	10mm	10mm	10mm		
2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.		
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)		
Black	Black	Black	Transparent		
30mm	30mm	30mm	30mm		
PG9	PG9	PG9	PG9		
Profiled NBR gasket	Flat Silicone gasket	Profiled NBR gasket	Profiled NBR gasket		
Technical data					
Screw contacts	Screw contacts	Screw contacts	Screw contacts		
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m		
250V AC/ 300VDC	230V AC/ 300VDC	1-230V DC	24V AC/DC	115V AC/DC	230V AC/DC
-	-	Diode(1A)	Bipolar Led		
-	-	-	Red		
ø cable 6-8mm	ø cable 6-8mm	ø cable 6-8mm	ø cable 6-8mm		
M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm		
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated		
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m		
Packaging					
50pcs / box	Singly packed in plastic bag	50pcs / box	50pcs / box		
Other accessories options					
See accessories section					
Notes: Connector available with different circuits.			Connector available with different led colour		

VALVE CONNECTORS

Field attachable connectors - Form B
EN175301-803(DIN43650)





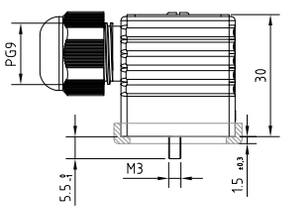
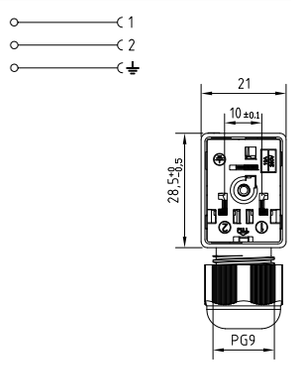
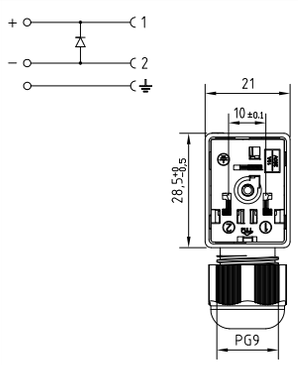
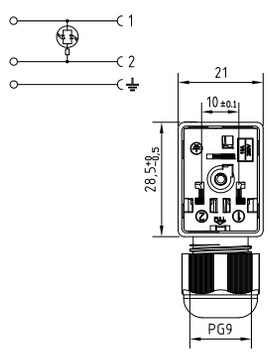
Technical drawing						
						
Product description						
Connector type	DIN valve connectors			DIN valve connectors		
Conforms to	EN175301-803			EN175301-803		
Construction type	B			B		
Part number	**M2TS2DL1**	**M2TS2DL2**	**M2TS2DL3**	**M2TS2VL1**	**M2TS2VL2**	**M2TS2VL3**
Description	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.			Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	10mm			10mm		
Number of contacts	2poles + P.E.			2poles + P.E.		
Earth positioning	H.12 (turnable)			H.12 (turnable)		
Housing colour	Transparent			Transparent		
Housing height	30mm			30mm		
Cable gland	PG9			PG9		
Gasket type	Profiled NBR gasket			Profiled NBR gasket		
Technical data						
Type of termination	Screw contacts			Screw contacts		
Contact screw torque	0.5 N*m			0.5 N*m		
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		
Suitable cable	ø cable 6-8mm			ø cable 6-8mm		
Central fixing screw	M3 L=32.5mm			M3 L=32.5mm		
Central fixing screw material	Iron+Zinc plated			Iron+Zinc plated		
Central screw torque	0.5 N*m			0.5 N*m		
Packaging						
Qty/Box	50pcs / box			50pcs / box		
Other accessories options						
See accessories section						
Notes:	Connector available with different led colour			Connector available with different led colour		

VALVE CONNECTORS

Field attachable connectors - Form B
EN175301-803(DIN43650)





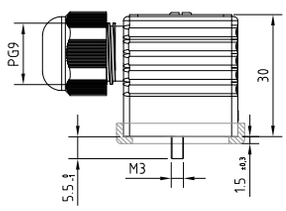
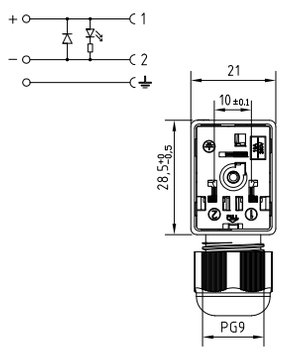
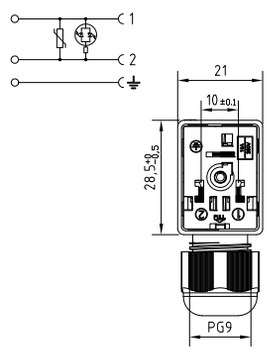
Technical drawing				
Product description				
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors	
Conforms to	EN175301-803	EN175301-803	EN175301-803	
Construction type	B	B	B	
Part number	**M2NS2000-SK**	**M2NS2D03-SK**	**M2TS2L01-SK**	**M2TS2L02-SK** / **M2TS2L03-SK**
Description	Rectangular connector M2 series complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.	
Contacts spacing	10mm	10mm	10mm	
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.	
Earth positioning	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	
Housing colour	Black	Black	Transparent	
Housing height	30mm	30mm	30mm	
Cable gland	SK - PG9	SK - PG9	SK - PG9	
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket	
Technical data				
Type of termination	Screw contacts	Screw contacts	Screw contacts	
Contact screw torque	0.5 N*m	0.5 N*m	0.5 N*m	
Rated voltage	250V AC/ 300VDC	1-230V DC	24V AC/DC	115V AC/DC / 230V AC/DC
Circuit type	-	Diode(1A)	Bipolar Led	
Led colour	-	-	Red	
Suitable cable	ø cable 4-8.6mm	ø cable 4-8.6mm	ø cable 4-8.6mm	
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	
Packaging				
Qty/Box	50pcs / box	50pcs / box	50pcs / box	
Other accessories options				
See accessories section				
Notes:	Connector available with different circuits.		Connector available with different led colour	

VALVE CONNECTORS

Field attachable connectors - Form B
EN175301-803(DIN43650)





Technical drawing			
			
Product description			
Connector type	DIN valve connectors	DIN valve connectors	
Conforms to	EN175301-803	EN175301-803	
Construction type	B	B	
Part number	**M2TS2DL1-SK** **M2TS2DL2-SK** **M2TS2DL3-SK**	**M2TS2VL1-SK** **M2TS2VL2-SK** **M2TS2VL3-SK**	
Description	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.	
Contacts spacing	10mm	10mm	
Number of contacts	2poles + P.E.	2poles + P.E.	
Earth positioning	H.12 (turnable)	H.12 (turnable)	
Housing colour	Transparent	Transparent	
Housing height	30mm	30mm	
Cable gland	SK - PG9	SK - PG9	
Gasket type	Profiled NBR gasket	Profiled NBR gasket	
Technical data			
Type of termination	Screw contacts	Screw contacts	
	0.5 N*m	0.5 N*m	
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	
Suitable cable	ø cable 4-8.6mm	ø cable 4-8.6mm	
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm	
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	
Central screw torque	0.5 N*m	0.5 N*m	
Packaging			
Qty/Box	50pcs / box	50pcs / box	
Other accessories options			
See accessories section			
Notes:	Connector available with different led colour	Connector available with different led colour	