



GENERAL FEATURES:

Cable Gland:

PG7: Ø CABLE 3.5-6mm. **PG9**: Ø CABLE 4-8mm. **PG11**: Ø CABLE 6.5-9.5mm.

1/2" NPTF : ·

SK : Ø CABLE 4-8.6mm.

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.

Internal core material:

PA66.

Flammability resistance :

UL94-V2 - Standard.

UL94-V0 - UL approved (upon request).

Protection class:

IP 65 / 67 (assembled).

Operating temperature :

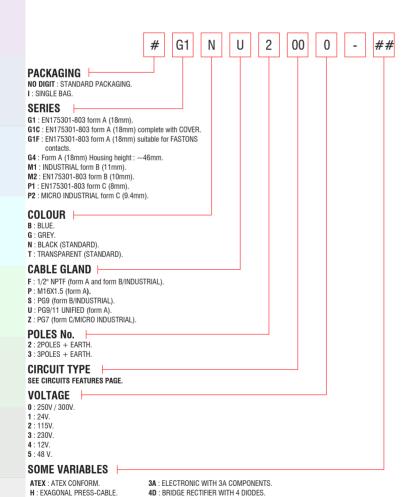
-40°C +90°C with NBR gasket. -40°C +125°C with Silicone gasket.

Nominal current :

10A (P1-P2 series: 6A).

Max contact current :

16A (P1-P2 series: 10A).



SS: STAINLESS STEEL SCREW.

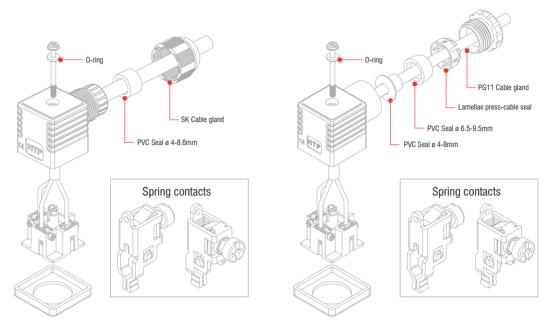
UL : UL APPROVED.
Y: WITHOUT H.T.P.LOGO.

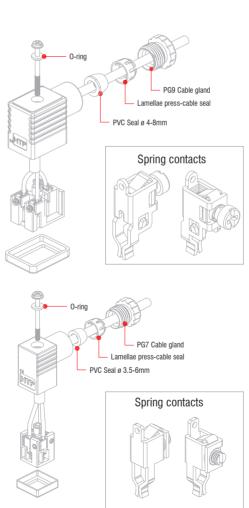
 $\textbf{IG}: \texttt{INTEGRATED} \; \texttt{GASKET}.$

P : FLAT GASKET.

SK : CABLE GLAND SK STYLE.



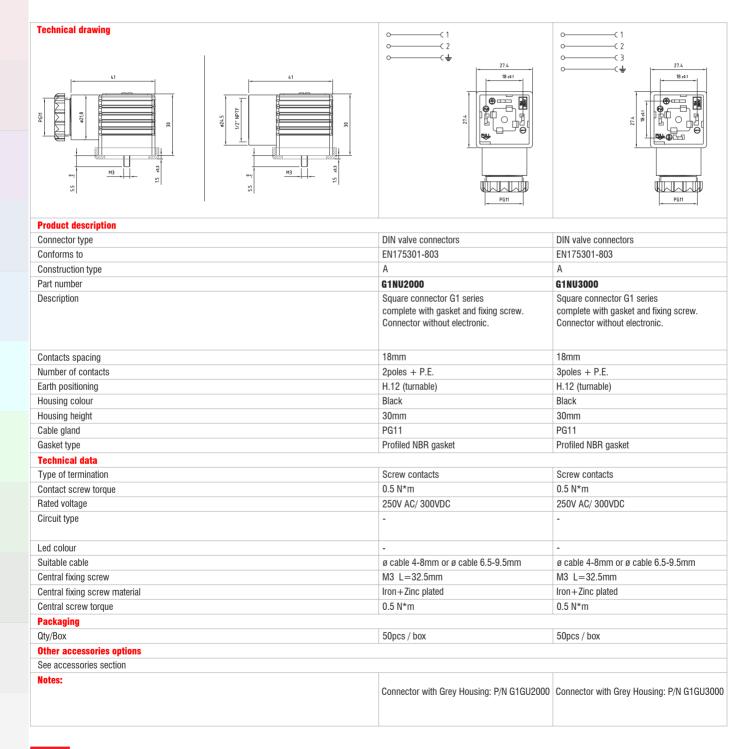












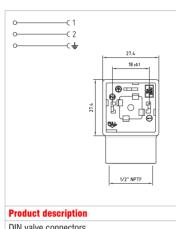






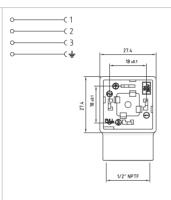






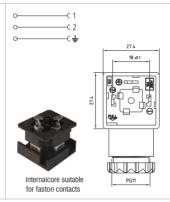
Notes:

Connector without press-cable screw



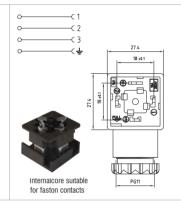
Connector with Grey Housing: P/N G1GF2000 | Connector with Grey Housing: P/N G1GF3000 | Connector without faston contacts,

Connector without press-cable screw



the contacts must be ordered separately in

reel with P/N: X-FASTON-F-6,3X0,8



r iouuci uescription			
DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
G1NF2000	G1NF3000	G1FNU2000	G1FNU3000
Square connector G1 series complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series complete with gasket and fixing screw. Connector without electronic.	Square connector G1F series, complete with gasket and fixing screw. Connector without electronic.	Square connector G1F series, complete with gasket and fixing screw. Connector without electronic.
18mm	18mm	18mm	18mm
2poles + P.E.	3poles + P.E.	2poles + P.E.	3poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Black	Black	Black	Black
30mm	30mm	30mm	30mm
1/2" NPTF	1/2" NPTF	PG11	PG11
Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data			
Screw contacts	Screw contacts	Female Faston contacts 6.3 x 0.8mm	Female Faston contacts 6.3 x 0.8mm
0.5 N*m	0.5 N*m	-	-
250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
-	-	-	-
-	-	-	-
-	-	ø cable 4-8mm or ø cable 6.5-9.5mm	ø cable 4-8mm or ø cable 6.5-9.5mm
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	50pcs / box	50pcs / box	50pcs / box
Other accessories options			
See accessories section			

Connector without faston contacts,

reel with P/N: X-FASTON-F-6,3X0,8

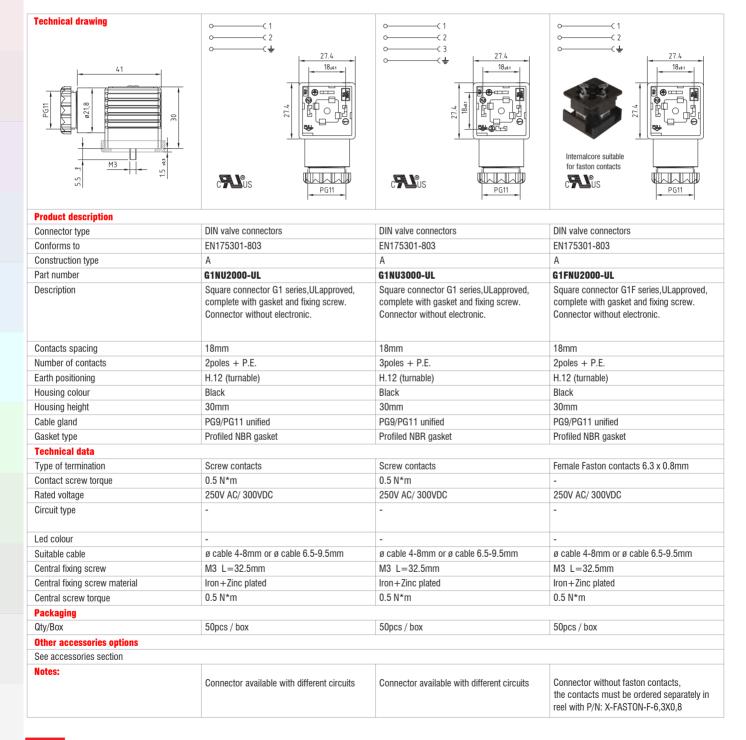
the contacts must be ordered separately in











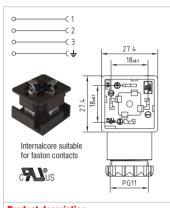


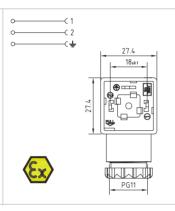


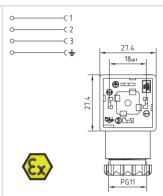


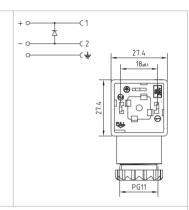












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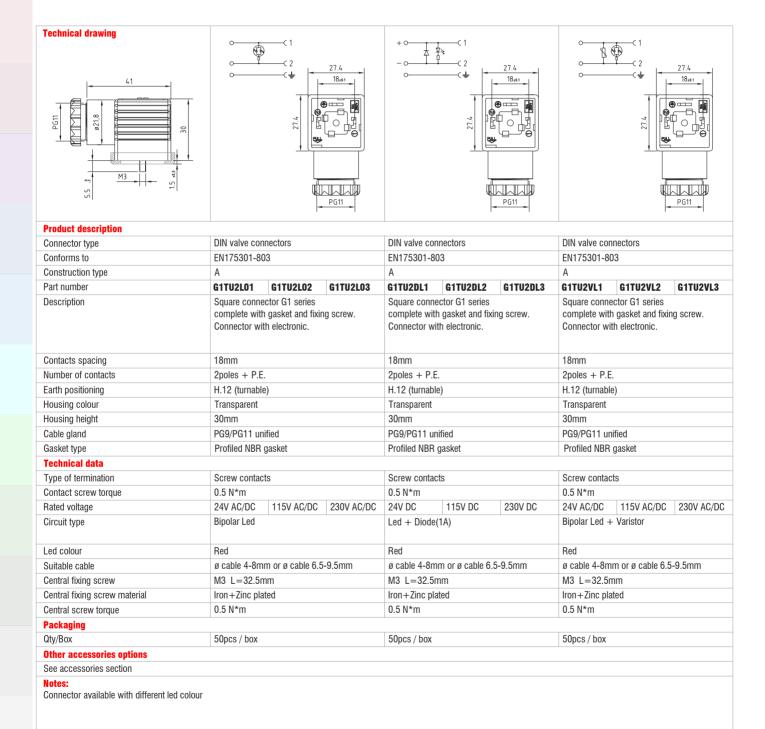
Product description			
DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
G1FNU3000-UL	G1NU2000-ATEX	G1NU3000-ATEX	G1NU2D03
Square connector G1F series, ULapproved, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series,ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series,ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series complete with gasket and fixing screw. Connector with electronic.
18mm	18mm	18mm	18mm
3poles + P.E.	2poles + P.E.	3poles + P.E.	2poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Black	Black	Black	Black
30mm	30mm	30mm	30mm
PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified
Profiled NBR gasket	Flat Silicone gasket	Flat Silicone gasket	Profiled NBR gasket
Technical data			
Female Faston contacts 6.3 x 0.8mm	Screw contacts	Screw contacts	Screw contacts
-	0.5 N*m	0.5 N*m	0.5 N*m
250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC
-	-	-	Diode(1A)
-	-	-	-
ø cable 4-8mm or ø cable 6.5-9.5mm	ø cable 4-8mm or ø cable 6.5-9.5mm	ø cable 4-8mm or ø cable 6.5-9.5mm	ø cable 4-8mm or ø cable 6.5-9.5mm
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	Singly packed in plastic bag	50pcs / box
Other accessories options			
See accessories section			
Notes: Connector without faston contacts, the contacts must be ordered separately in reel with P/N: X-FASTON-F-6,3X0,8			











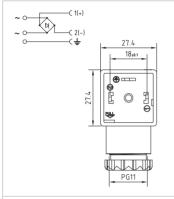


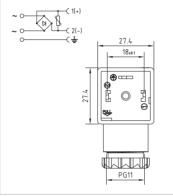


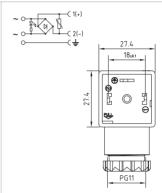


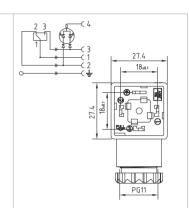












Product	description
DIM valve	connectors

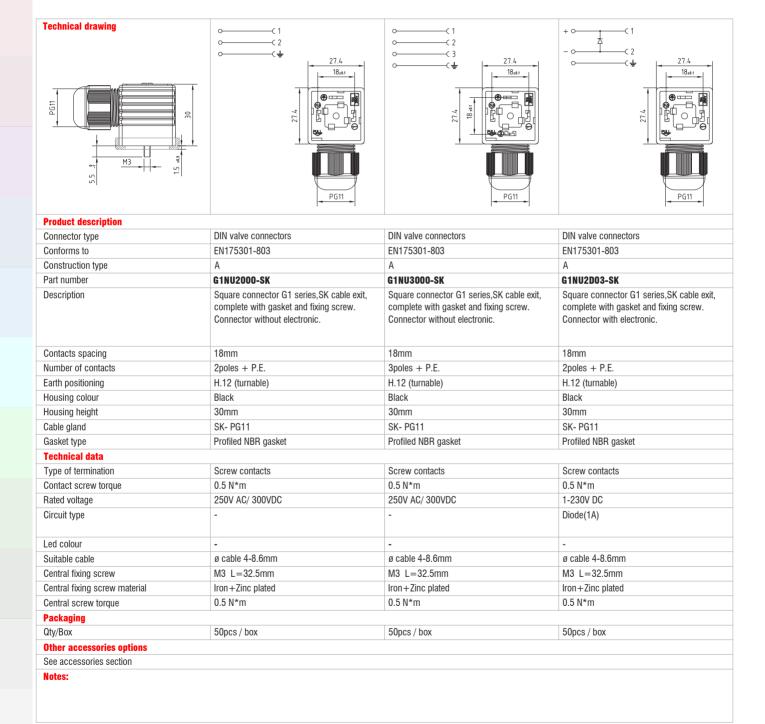
Product description								
DIN valve connectors	DIN valve connectors		DIN valve connectors			DIN valve connectors		
EN175301-803	EN175301-803		EN175301-8	03		EN175301-803		
A	A		Α			A		
G1NU2R03	G1NU2RV1 G1NU2RV2	G1NU2RV3	G1TU2RL1	G1TU2RL2	G1TU2RL3	G1TU3Q01	G1TU3Q02	G1TU3Q03
Square connector G1 series complete with gasket and fixing screw. Connector with electronic.	Square connector G1 series complete with gasket and fixi Connector with electronic.	ng screw.		ector G1 series h gasket and fixi th electronic.	ng screw.		ector G1 series n gasket and fixi th electronic.	ng screw.
18mm	18mm		18mm			18mm		
2poles + P.E.	2poles + P.E.		2poles + P.E			3poles + P.E		
H.12 (turnable)	H.12 (turnable)		H.12 (turnabl	e)		H.12 (turnable	e)	
Black	Black		Transparent			Transparent		
30mm	30mm		30mm			30mm		
PG9/PG11 unified	PG9/PG11 unified		PG9/PG11 unified		PG9/PG11 unified			
Profiled NBR gasket	Profiled NBR gasket		Profiled NBR gasket		Profiled NBR gasket			
Technical data	'							
Screw contacts	Screw contacts		Screw contac	ets		Screw contac	ts	
0.5 N*m	0.5 N*m		0.5 N*m			0.5 N*m		
1-230V AC	24V AC 115V AC	230V AC	24V AC	115V AC	230V AC	24V DC	115V DC	230V DC
Full-Wave Bidge Rectifier (1A)	Full-Wave Bridge Rectifier +	Varistor	Full-Wave Bri	dge Rectifier +	Varistor + Led	Bicolour Led	+ no.2 Diodes	(1A)
-	-		Red			Red (pin 2); Green (pin3)		
ø cable 4-8mm or ø cable 6.5-9.5mm	ø cable 4-8mm or ø cable 6.	5-9.5mm	ø cable 4-8mm or ø cable 6.5-9.5mm		ø cable 4-8mm or ø cable 6.5-9.5mm		5-9.5mm	
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	50pcs / box		50pcs / box			50pcs / box		
Other accessories options								
See accessories section								
Notes:			Connector available with different led colour		Connector available with different led connection: Q8 circuit (Green pin 2; Red pin 3) Q1 circuit (Yellow pin 2; Green pin 3)		oin 3)	









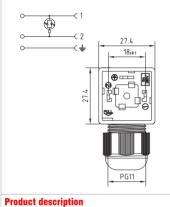


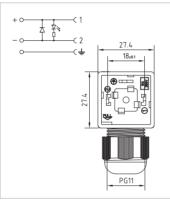


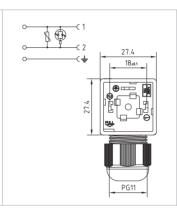












DIN valve connectors	DIN valve connectors	DIN valve connectors	
EN175301-803	EN175301-803	EN175301-803	
A	A	Α	
G1TU2L01-SK G1TU2L02-SK G1TU2L03-SK	G1TU2DL1-SK G1TU2DL2-SK G1TU2DL3-SK	G1TU2VL1-SK G1TU2VL2-SK G1TU2VL3-SK	
Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector with electronic.	Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector with electronic.	Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector with electronic.	
18mm	18mm	18mm	
2poles + P.E.	2poles + P.E.	2poles + P.E.	
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	

Transparent

30mm

SK-PG11

Profiled NBR gasket

M3 L=32.5mm

Iron+Zinc plated

0.5 N*m

Profiled NBR gasket **Technical data**

Transparent

30mm

SK-PG11

Screw contac	ets		Screw contacts S		Screw contact	Screw contacts			
0.5 N*m		0.5 N*m			0.5 N*m	0.5 N*m			
24V AC/DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC	Г
Bipolar Led			Led + Diode	(1A)		Bipolar Led +	Varistor		
Red		Red		Red					
ø cable 4-8.6mm		ø cable 4-8.6mm			ø cable 4-8.6mm				

0.5 N*m	
Packagir	ıç

M3 L=32.5mm

Iron+Zinc plated

50pcs / box 50pcs / box 50pcs / box

0.5 N*m

M3 L=32.5mm

Iron+Zinc plated

Transparent

30mm

SK-PG11

Profiled NBR gasket

Other accessories options

See accessories section

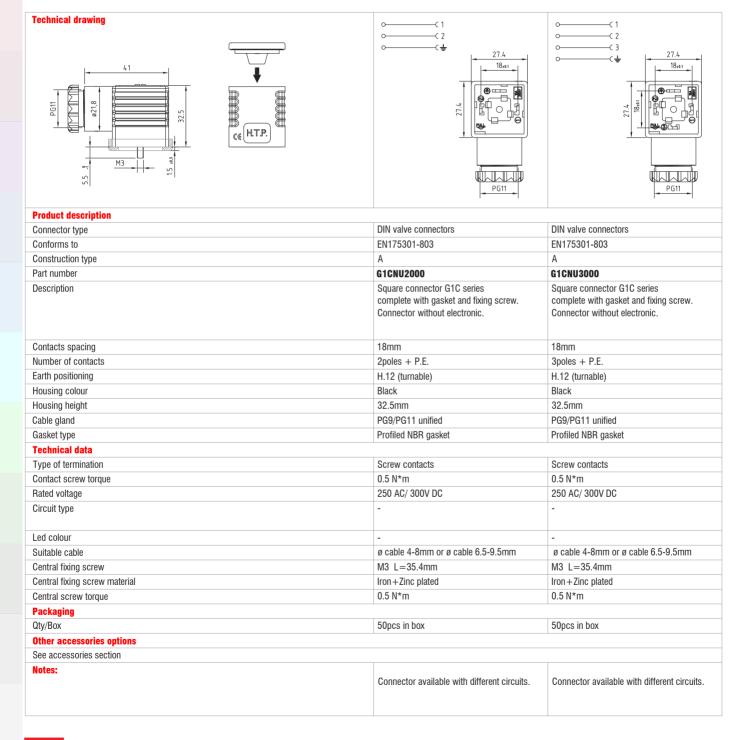
Notes:

Connector available with different led colour







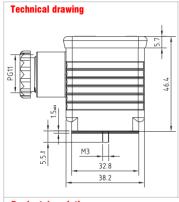


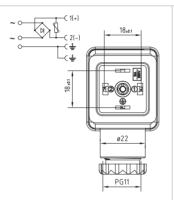


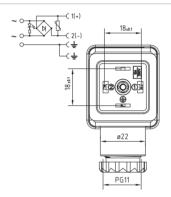


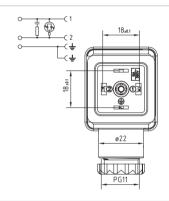












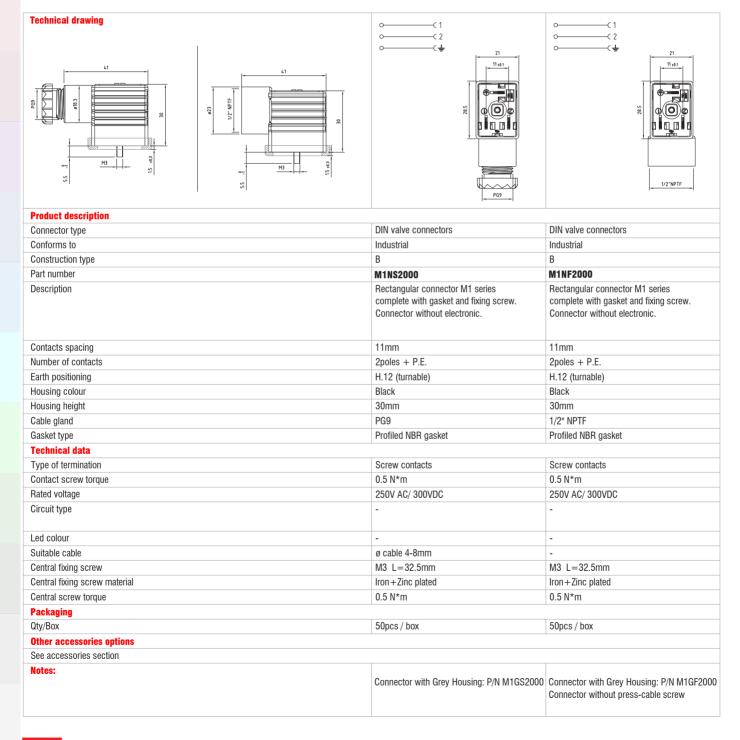
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Connector type	DIN valve connectors		DIN valve conr	nectors		DIN valve connectors		
Conforms to	EN175301-803		EN175301-80	3		EN175301-803		
Construction type	A		Α			Α		
Part number	G4NU2RV1-3A G4NU2RV2-3A G4N	NU2RV3-3A	G4TU2RL1-3A	G4TU2RL2-3A	G4TU2RL3-3A	G4TU2FL1-3A	G4TU2FL2-3A	G4TU2FL3-3
Description	Square connector G4 series complete with gasket and fixing scr Connector with electronic (3A com			ctor G4 series gasket and fixin n electronic (3A	•		ctor G4 series gasket and fixi n electronic (3 <i>F</i>	0
Contacts spacing	18mm		18mm			18mm		
Number of contacts	2poles + 2 P.E.		2poles + 2 P.	Ε.		2poles + 2 P.	Ε.	
Earth positioning	H.6-12		H.6-12			H.6-12		
Housing colour	Black / Black Cover		Black / Transp	arent Cover		Black / Transp	arent Cover	
Housing height	46.4mm		46.4mm		46.4mm			
Cable gland	PG9/PG11 unified		PG9/PG11 unified		PG9/PG11 unified			
Gasket type	Flat NBR gasket		Flat NBR gasket		Flat NBR gasket			
Technical data								
Type of termination	Screw contacts		Screw contact	S		Screw contact	S	
Contact screw torque	0.5 N*m		0.5 N*m			0.5 N*m		
Rated voltage	24V AC 115V AC 230	OV AC	24V AC	115V AC	230V AC	24V AC	115V AC	230V AC
Circuit type	Full-Wave Bridge Rectifier (3A) + V	aristor (3A)	Full-Wave Brid + Led	ge Rectifier(3A)	+ Varistor(3A)	RC circuit+ Le	ed	
Led colour	-		Red		Red			
Suitable cable	ø cable 4-8mm or ø cable 6.5-9.5n	nm	ø cable 4-8mm or ø cable 6.5-9.5mm		ø cable 4-8mm or ø cable 6.5-9.5mm		5-9.5mm	
Central fixing screw	M3 L=42mm		M3 L=42mm		M3 L=42mm			
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	40pcs in box		40pcs in box			40pcs in box		
Other accessories options								
See accessories section								
Notes:			Connector ava	ilable with differ	rent led colour	Connector ava	ilable with diffe	rent led colour









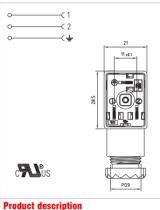


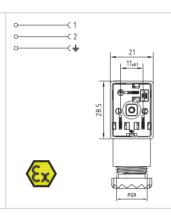


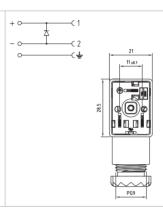


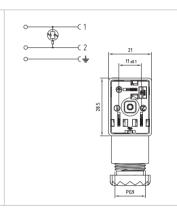












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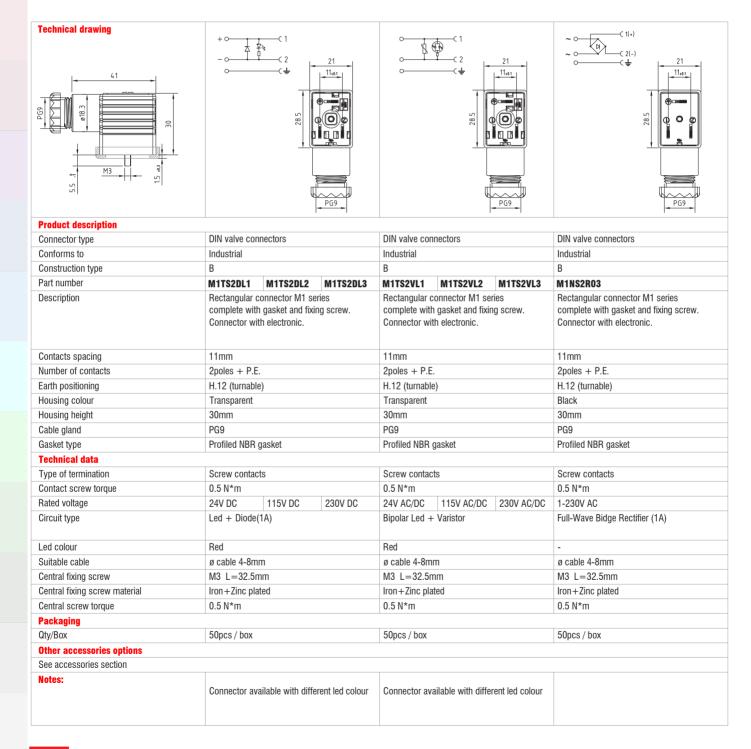
Product description				
DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	
Industrial	Industrial	Industrial	Industrial	
В	В	В	В	
M1NS2000-UL	M1NS2000-ATEX	M1NS2D03	M1TS2L01 M1TS2L02 M1T	S2L03
Rectangular connector M1 series,ULapproved complete with gasket and fixing screw. Connector without electronic.	, Rectangular connector M1 series,ATEX conform,complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector M1 series complete with gasket and fixing scre Connector with electronic.	·W.
11mm	11mm	11mm	11mm	
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	250V AC/ 300VDC	1-230V DC	24V AC/DC 115V AC/DC 230V	V AC/DC
-	-	Diode(1A)	Bipolar Led	
•	-	-	Red	
ø cable 4-8mm	ø cable 4-8mm	ø cable 4-8mm	ø cable 4-8mm	
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 paked in plastic bag	50pcs / box	50pcs / box	
Other accessories options				
See accessories section				
Notes: Connector available with different circuits.			Connector available with different led	d colour







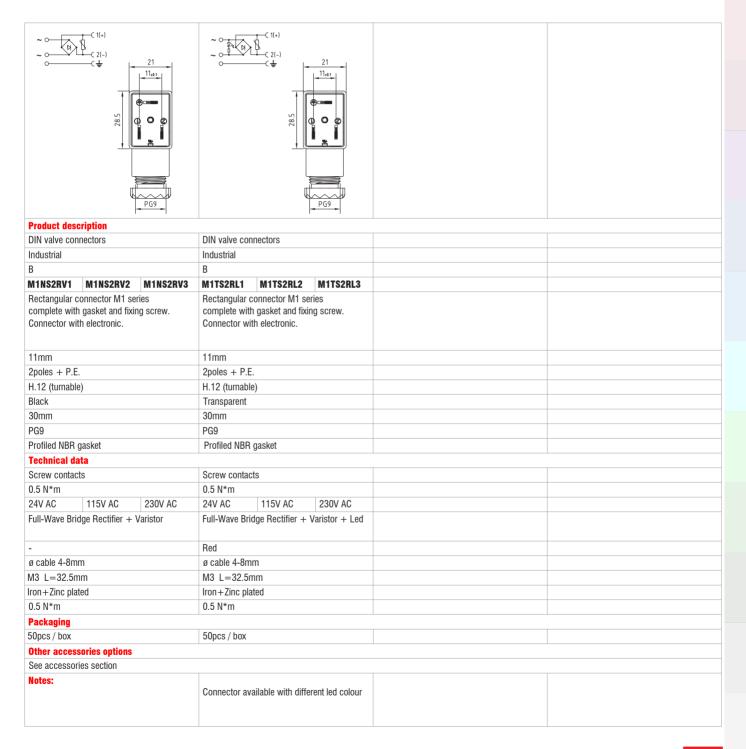








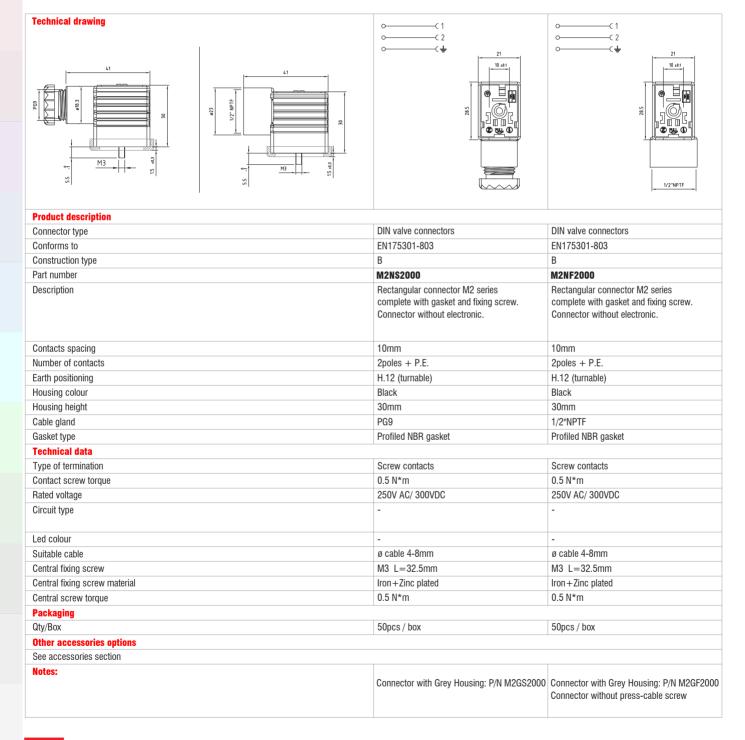












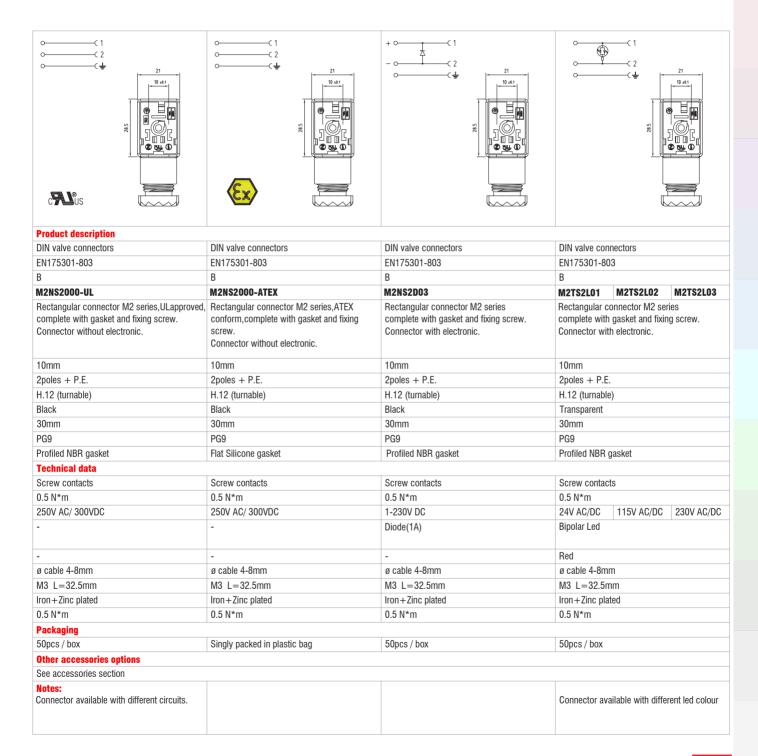








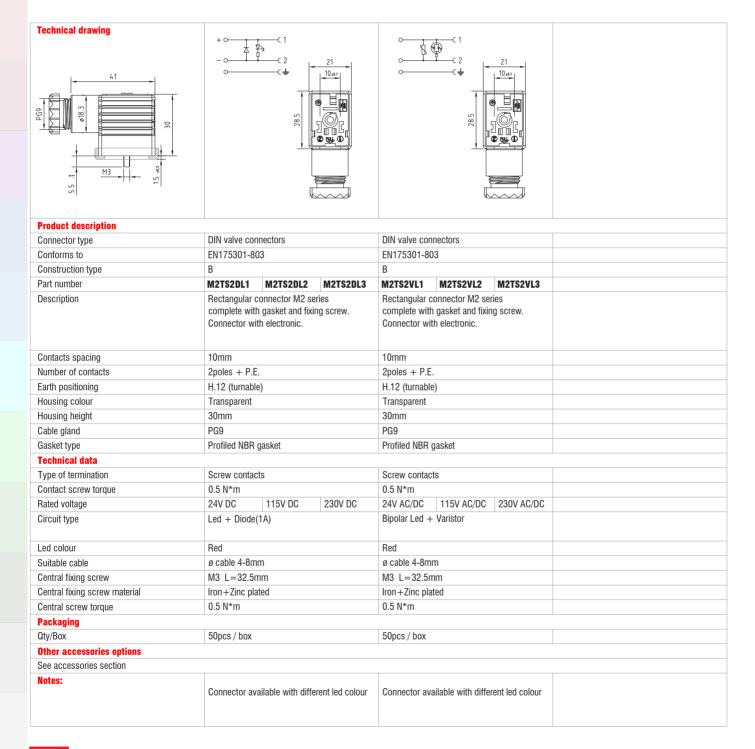










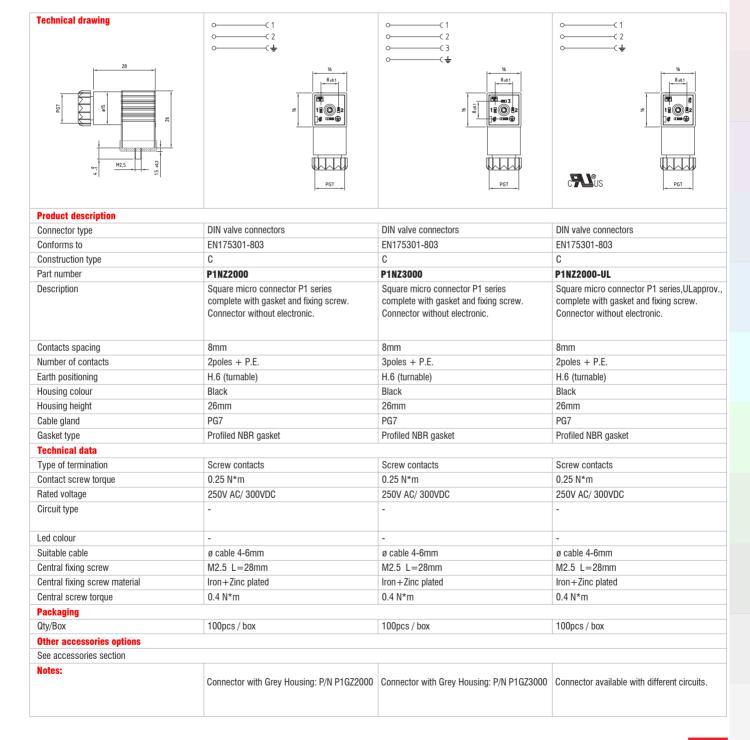












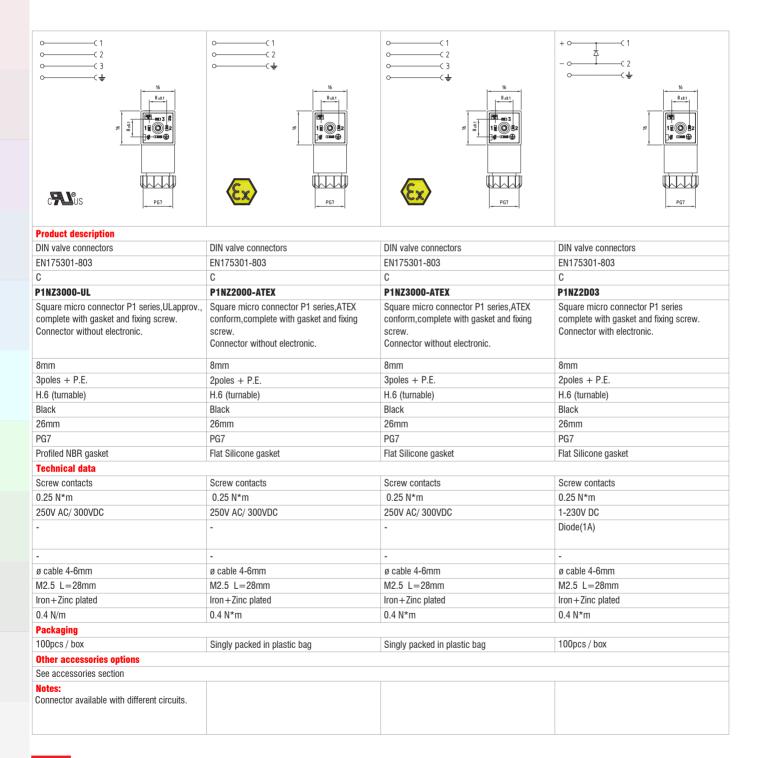










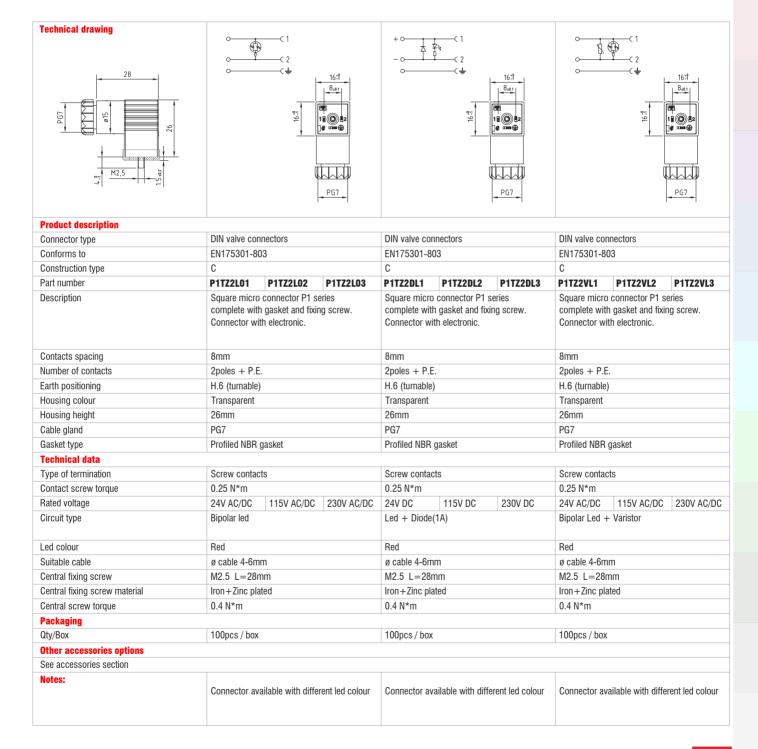










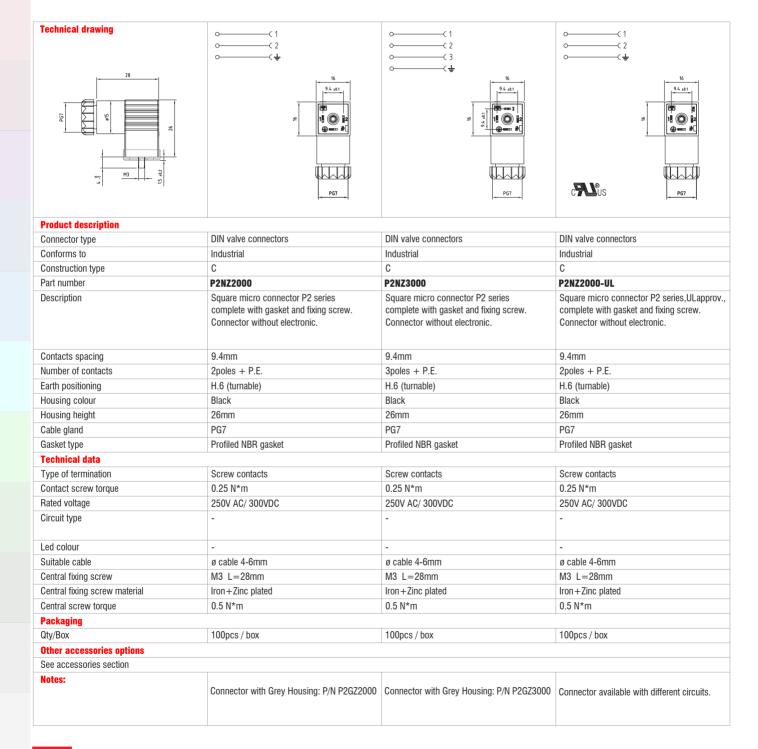












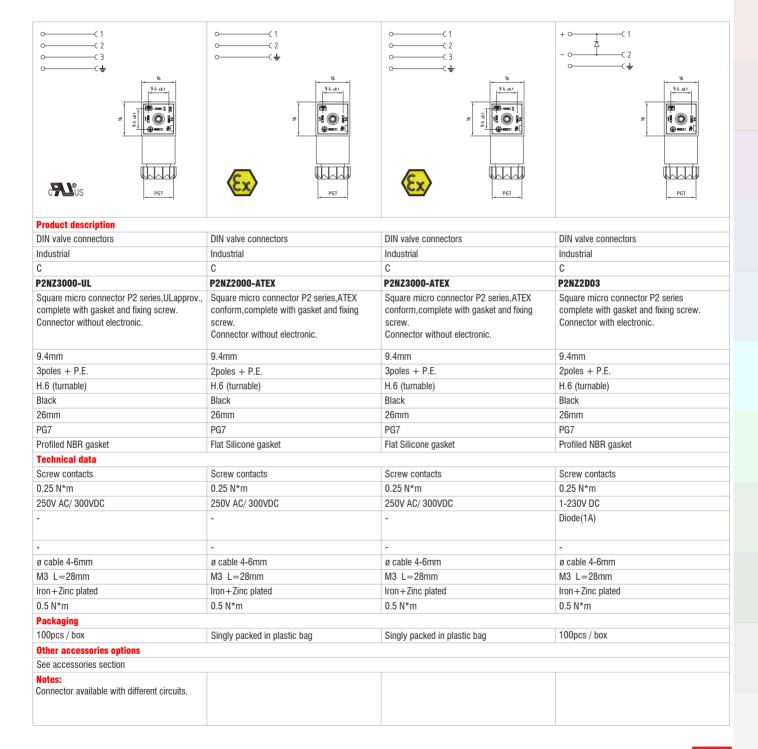










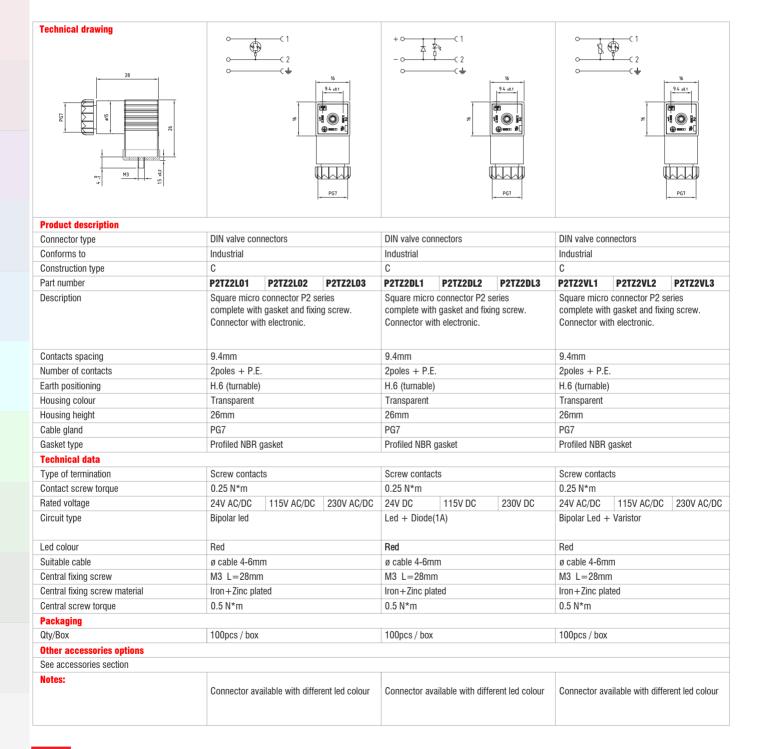














• GENERAL FEATURES:

Conductor cross section :

0.34(22AWG) ... 1.50mm²(16AWG).

Fixing system :

Central fixing screw.

Max. screw torque IEC60947-1

(Central fixing screw) : CG1-CM1-CM2-CP2 series:

CG1-CM1-CM2-CP2 series: Max. 0.5 N * m.

CP1 series: Max. 0.4 N * m.

Type of terminations :

SOME VARIABILITY |

L: PROFILED GASKET SS: STAINLESS STEEL SCREW Y: WITHOUT H.T.P.LOGO 4D: BRIDGE RECTIFIER WITH 4 DIODES 3A: ELECTRONIC COMPONENTS 3A 12MA3: EXTENSION M12 MALE 90° 3p. 12MD3: EXTENSION M12 MALE 180° 3p. 12FD3: EXTENSION M12 FEMALE 90° 3p. 12FD3: EXTENSION M12 FEMALE 90° 3p.

To solder.

Contact material and treatment :

Brass + Silver plated.

Housing material :

Polypropylene.

Internalcore material :

PA66

Flammability resistance :

UL94-V2 - Standard

Protection class :

IP67.

Operating temperature :

-25°C +90°C (connector) (NBR gasket -40°C +90°C) (Silicone gasket -40°C +125°C)

Nominal current :

10A (CP1-CP2 series: 6A).

Max contact current: 16A (CP1-CP2 series: 10A).

Overvoltage category IEC60664-1:

III

Pollution level IEC60664-1 :

Contact resistance IEC 60512-2 :

< 5 mO

Insulation class VDE 0110 1 / 89 :

Class C

