



We get better with every generation –
Molded valve connectors
from Hirschmann.

- now with new design
- integrated seal
- higher flexibility
- greater cable variety
- more types available

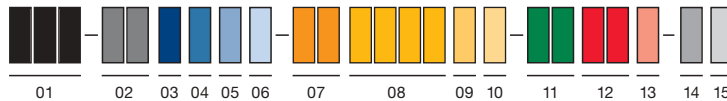


HIRSCHMANN

A greater choice due to more variety: The new article designations.

The greater flexibility which Hirschmann now offers in the field of valve connectors also means a greater variety of characteristics for the article designation. You now have the possibility of configuring these cables directly via the online tool "OpenConnector". (See www.hirschmann.com). With the launching of the new molded GDM connectors the new article designation is already implemented.

The following overview will help you to be able to assign these new characteristics.



01	series
GAN	GDM type A (DIN)
GBI	GDM type B (industrial version)
GBN	GDM type B (DIN)
GCI	GDM type C (industrial version)
GCN	GDM type C (DIN)

02	connector style left side
DA	blank version
DB	with LED yellow for 24 V
DC	with LED yellow for 120 V
DE	with LED yellow for 250 V
DF	with suppressor diode & LED yellow for 24 V
DG	with suppressor diode & LED yellow for 120 V
DH	for pressure switch; LED red/green for 24 V
DK	for pressure switch; LED yellow/green for 24 V
DL	with varistor & LED yellow for 250 V
DM	with varistor & bridge rectifier for 250 V
DN	with varistor & bridge rectifier & LED yellow for 250 V
DP	with Zener diode & LED yellow for 24-250 V
DR	with varistor & LED yellow for 120 V
DS	with suppressor diode & LED yellow for 12 V
YY	special type, details necessary

03	number of pins
D	2 pole + PE
E	3 pole + PE
F	2 pole / PE connected
G	2 pole without PE
Y	special type, details necessary

04	mechanical coding and design
E	standard version with molded sealing: cable outlet standard (on opposite side of PE)
F	standard version with molded sealing: cable outlet on side of PE
G	version Plus (up to 105° C and IP 68): cable outlet standard (on opposite side of PE)
H	version Plus (up to 105° C and IP 68): cable outlet on side of PE
Y	special type, details necessary

05	interlock/material
7	central screw steal, recessed head
8	central screw steal, knurl grip
9	special type, details necessary
A	central screw stainless steel V2A, recessed head

06	connector housing color
A	black
X	transparent
Y	special type, details necessary

07	cable material*
PVC cables	
AF	PVC 2 x 0.75 mm ² , grey (without UL)
AG	PVC 3G x 0.75 mm ² , grey (without UL)
AH	PVC 4G x 0.75 mm ² , grey (without UL)
AK	PVC 5G x 0.75 mm ² , grey (without UL)
AL	PVC 3G x 0.34 mm ² , grey (without UL)
AM	PVC 4G x 0.34 mm ² , grey (without UL)
DM	PVC 2 x 0.75 mm ² , grey (with UL)
DN	PVC 3G x 0.75 mm ² , grey (with UL)
DO	PVC 4G x 0.75 mm ² , grey (with UL)
DP	PVC 5G x 0.75 mm ² , grey (with UL)
DR	PVC 3G x 0.34 mm ² , grey (with UL)
DS	PVC 4G x 0.34 mm ² , grey (with UL)
YY	special type, details necessary
PUR cables	
FR	PUR 2 x 0.75 mm ² , grey (with UL)
FS	PUR 3G x 0.75 mm ² , grey (with UL)
FT	PUR 4G x 0.75 mm ² , grey (with UL)
FU	PUR 5G x 0.75 mm ² , grey (with UL)
FV	PUR/PVC 3G x 0.75 mm ² , grey
FW	PUR/PVC 4G x 0.75 mm ² , grey
FX	PUR 3G x 0.34 mm ² , grey (with UL)
FY	PUR 4G x 0.34 mm ² , grey (with UL)
YY	special type, details necessary

*G = Types with protective conductor

08	cable length
0020 ... 3000	20 cm ... 30 m
0008 ... 1180	8.0 inch ... 1180.0 inch

09	system of measurement for length of cable
C	length in cm
I	length in inch

10	cable text
0	without printing
1	Hirschmann product code
2	specific printing up to 60 char

11	wire processing
XA	wire unmachined
XB	wire stripped and tinned
XC	wire stripped, cable sleeve
YY	special type, details necessary

12	stripping of cable outer sheath
00	0 mm / 0 inch
05	5 mm / 0.2 inch
10	10 mm / 0.4 inch
15	15 mm / 0.6 inch
20	20 mm / 0.8 inch
25	25 mm / 1.0 inch
30	30 mm / 1.2 inch
35	35 mm / 1.4 inch
40	40 mm / 1.6 inch
45	45 mm / 1.8 inch
50	50 mm / 2.0 inch
55	55 mm / 2.2 inch
60	60 mm / 2.4 inch
65	65 mm / 2.6 inch
70	70 mm / 2.8 inch
75	75 mm / 3.0 inch
99	special type, details necessary

13	stripping of wire
0	0 mm / 0 inch
1	1 mm / 0.04 inch
2	2 mm / 0.08 inch
3	3 mm / 0.12 inch
4	4 mm / 0.16 inch
5	5 mm / 0.20 inch
6	6 mm / 0.24 inch
7	7 mm / 0.28 inch
8	8 mm / 0.32 inch
9	9 mm / 0.36 inch
A	10 mm / 0.40 inch
Y	special type, details necessary

14	packaging
A	Hirschmann
B	neutral
Y	special type, details necessary

15	packaging unit
A	5, collect packaging
B	10, collect packaging
C	25, collect packaging
D	50, collect packaging
E	100, collect packaging
F	5, with single unit packaging
G	10, with single unit packaging
H	25, with single unit packaging
K	50, with single unit packaging
L	100, with single unit packaging
Y	special type, details necessary

The fast way to your code.

Example GAN-DFFE7X-AG0200C1-XC607-AD

GAN	GDM type A (DIN)
DF	with suppressor diode & LED yellow for 24V
F	2 pole + 2PE
E	standard version with molded sealing: cable outlet standard (on opposite side of PE)
7	central screw steal, recessed head
X	transparent molding color
AG	PVC 3G x 0.75 mm ² , grey (without UL)

0200	200 cm (2 m)
C	cm-indication
1	Hirschmann product code (cable text)
XC	wire stripped, cable sleeve
60	60 mm / 2.4 inch (stripping of cable outer sheath)
7	7 mm / 0.28 inch (stripping of wire)
A	Hirschmann (packaging)
D	50, collect packaging (packaging unit)

The latest baby of our engineers: The new molded GDMs.

Innovative design

- Compact design: lower height and thereby less required space
- Revolving flange for mounting of hose
- Ear for mounting lacing cords, labels etc.
- Ergonomic design with new materials (better surface feel)

More versions

- Standard version with molded, captive gasket (up to +70° C and IP 67)
- "Version Plus" for temperature requirements up to +105° C and IP 68 (see configuration field 04) based on an additional captive gasket

New variety

- Numerous new (additional) circuit versions
- More cable options and versions
- UL and VDE approval

Higher flexibility

- Production possible with "OpenConnector"

Highest quality

- Expected and guaranteed reliability and quality "Made by Hirschmann"

... and all that for three different types

- The classic three types (A, B and C) with corresponding standards for versions with and without LED



The most important features at a glance:

Type	GAN GDM type A (DIN), molded	GBI GDM type B (industrial version), molded	GBN GDM type B (DIN), molded	GCI GDM type C (industrial version), molded	GCN GDM type C (DIN), molded
Standard	EN 175301-803A / ISO 4400	Industrial standard	EN 175301-803B/ ISO 6952	Industrial standard	EN 175301-803C/ ISO 15217
Number of contacts	2P + PE 3P + PE 4P + PE (pressure switch) 2P + 2PE 2P	2P + PE 3P + PE	2P + PE 3P + PE	2P + PE 3P + PE 2P + 2PE	2P + PE 3P + PE 2P + 2PE
Cable material	PVC PUR (halogen free) further types on request	PVC PUR (halogen free) further types on request	PVC PUR (halogen free) further types on request	PVC PUR (halogen free) further types on request	PVC PUR (halogen free) further types on request
Cable specification	0.75 mm ²	0.75 mm ²	0.75 mm ²	0.34 mm ²	0.34 mm ²
Cable length	2 m and 5 m further types on request	2 m and 5 m further types on request	2 m and 5 m further types on request	2 m and 5 m further types on request	2 m and 5 m further types on request
Rated voltage	non LED-version 250 V AC/DC	non LED-version 250 V AC/DC	non LED-version 250 V AC/DC	non LED-version 250 V AC/DC	non LED-version 250 V AC/DC
Rated current	non LED-version 10 A	non LED-version 10 A	non LED-version 10 A	non LED-version 6 A	non LED-version 6 A
Protection class	IP 65/IP 67 (IP 68**)	IP 65/IP 67 (IP 68**)	IP 65/IP 67 (IP 68**)	IP 65/IP 67 (IP 68**)	IP 65/IP 67 (IP 68**)
Housing color	black or transparent	black or transparent	black or transparent	black or transparent	black or transparent
Circuit	function indicator (LED) protective circuit (varistor or suppressor diode) bridge type rectifier pressure switch LED	function indicator (LED) protective circuit (varistor or suppressor diode)	function indicator (LED) protective circuit (varistor or suppressor diode)	function indicator (LED) protective circuit (varistor or suppressor diode)	function indicator (LED) protective circuit (varistor or suppressor diode)
Temperature range	-25° up to +70° C* optional +105° C**	-25° up to +70° C* optional +105° C**	-25° up to +70° C* optional +105° C**	-25° up to +70° C* optional +105° C**	-25° up to +70° C* optional +105° C**
Sealing/gasket	molded/captive	molded/captive	molded/captive	molded/captive	molded/captive

*standard version, **version Plus

Hirschmann. Simply a good Connection.



- Production bases
- Sales subsidiaries
- Selected distribution partners

Hirschmann Automation and Control GmbH

Industrial ETHERNET

FiberINTERFACES

Industrial Connectors

Electronic Control Systems

WWW.HIRSCHMANN.COM

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