



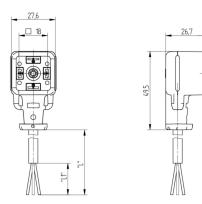
# Product: GAN22LU-L11-603

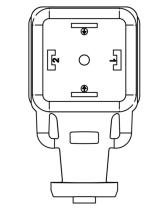
GAN DIN Standard Single-Ended Cordset: Form A, 3-pin (2+2PE), grey translucent body, with yellow LED, 110 V AC/DC, 10 A; PUR grey cable, 0.75 mm<sup>2</sup>

# **Product Description**

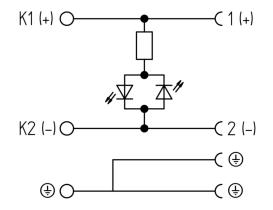
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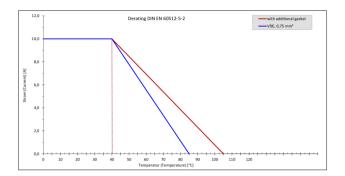
# **Technical Drawing**





GAN22





### **Technical Specifications**

#### Face View

Pin 1	Pin 2	PE1	PE2	
brown	blue	green-yellow	green-yellow	

#### **Technical Data**

Product Family:	Valve Connectors
Product Sub Family:	GAN

Brand:	Hirschmann	
Connector Type:	Cordset, single ended	
Type of Contact / Gender:	Female	
Connector Design:	Angled	
Number of Pins:	2+2 PE	
Coding:	A	
Shielding:	Unshielded	
Attachment Type:	Central Screw	
Rated Impulse Voltage:	4.0 kV (PCBA 2.0 kV)	
Operating Voltage:	110 V AC/DC	
Rated Current*:	10 A	
Contact Resistance:	≤ 10 mOhm	
Insulation Resistance:	> 10^9 Ohm	
Mating Cycles:	≤ 50	
Ambient Temperature (Operation)*:	-25 °C - +85 °C (With additional 934-887-001 gasket : -40 °C - +105 °C)	
Protection Degree / IP Rating**:	IP65, IP67 (IP69K: without additional gasket; max. +80 °C)	
Design Standard:	DIN EN 175301-803-A, ISO 4400	
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)	
Clearance / Creepage Distance:	DIN EN 60664-1 (2008/01); VDE 0110-1	
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)	

# Materials

Contact Base Material:	CuZn
Contact Plating:	Cu/Sn
Contact Bearer Material:	PA GF
Contact Bearer Color:	black
Flammability Class (Contact Bearer):	UL 94 V-0
Molded Body Material:	TPE
Molded Body Color:	Grey translucent
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	Steel, Philips combi slot
Gasket Material:	Molded Integrated Gasket
	·

# **Protection Circuitry**

1	Function Indicator:	Yellow LED

# **Additional Technical Data**

# Cable Data

Cable Number:	603
Conductor Size:	0.75 mm <sup>2</sup>
Number of Wires:	3
Minimal Bending Radius (Fixed Inst):	> 5 x D
Minimal Bending Radius (Flexible Inst):	> 7.5 x D
Conductor material:	Cu
Cable Jacket Material:	PUR
Cable Jacket Color:	grey
Cable Diameter D:	ø 5.80 ± 0.20 mm
Wire Insulation Material:	PP
Insulated Wire Diameter:	ø 1.92 ± 0.05 mm
Ambient Temperature (Fixed Installation):	- 50 °C - + 90 °C (UL: + 80 °C)
Ambient Temperature (Flex Installation):	- 25 °C - + 90 °C (UL: + 80 °C)
UL Cable Type:	AWM: 20549 or 21198
Flammability Class (Cable Jacket):	DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2, CSA FT2; VDE 0472 Teil 804 Prüfart B

Cable Characteristics:	Good microbes and hydrolysis resistance; Mainly plasticizer diffusion free; good chemical and oil resistance; Exclusion of PVC and Silicone; free of lacquer wetting disturbing substances; Coldness flexibility	
Approvals		
VDE:	yes	
Safety & Environmental Compliance		
RoHS Compliant:	liant: yes	
Resistances		
Halogenfree:	yes	
Oil Resistance:	IEC 60811-404 , VDE 0472; VDE 0250	
Notes		
Note Derating:	Notice derating	
	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.	
Protection Degree / IP Rating Note:	only il mounted and locked in combination with hischmann / Lumberg Automation connector.	

Item #	Item Description	Cable Length	Replacement For
934889096	GAN22LU-L11-6030200-1UC	2 m	ID: 934562049 Name: GAN-DCFE7X-FS0200C1-XC607-AD
934889097	GAN22LU-L11-6030500-1UC	5 m	ID: 934562050 Name: GAN-DCFE7X-FS0500C1-XC607-AC

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