



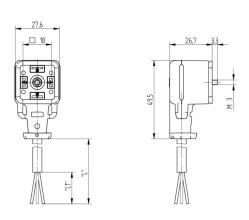
Product: GAN22LU-S24-609 ☑

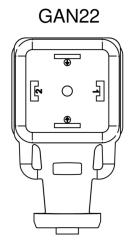
GAN DIN Standard Single-Ended Cordset: Form A, 3-pin (2+2PE), grey translucent body, with supressor diode and yellow LED, 24 V AC/DC, 10 A; PVC grey cable, 0.75 mm²

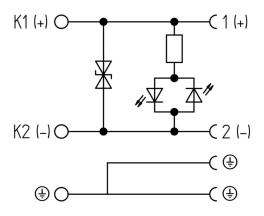
Product Description

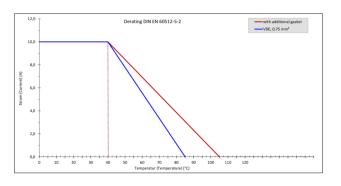
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Technical Drawing









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: 24 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

Function Indicator:	Yellow LED
Protective Circuit:	Supressor diode

Additional Technical Data

Fastening Torque (Attachment): (50-60) Ncm	
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Cable Data

Cable Number:	609	
Conductor Size:	0.75 mm ²	
Number of Wires:	3	
Minimal Bending Radius (Fixed Inst):	>5 x D	
Minimal Bending Radius (Flexible Inst):	> 10 x D	
Conductor material:	Cu	
Cable Jacket Material: PVC		
Cable Jacket Color:	grey	
Cable Diameter D:	ø 5.5 ± 0.2 mm	
Wire Insulation Material:	PVC	
Insulated Wire Diameter:	ø 1.70 mm	
Ambient Temperature (Fixed Installation):	- 40 °C - + 105 °C	
Ambient Temperature (Flex Installation):	+5 °C - + 105 °C	
Flammability Class (Cable Jacket):	DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2	
Cable Characteristics:	$free\ of flacquer\ wetting\ disturbing\ substances,\ good\ chemical\ and\ oil\ resistance,\ Exclusion\ of\ Silicone$	

Approvals

VDE:	yes

Safety & Environmental Compliance

	RoHS Compliant:	yes	Ì
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Resistances

Halogenfree:	no
Oil Resistance:	IEC 60811:404

Notes

Note Derating:	Notice derating	
Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.	
Note:	Do not connect or disconnect under load.	

Variants

Item #	Item Description	Cable Length	Replacement For
934889102	GAN22LU-S24-6090200-1UC	2 m	ID: 934562021 Name: GAN-DFFE7X-AG0200C1-XC607-AD
934889103	GAN22LU-S24-6090500-1UC	5 m	ID: 934562022 Name: GAN-DFFE7X-AG0500C1-XC607-AC
934889104	GAN22LU-S24-6090700-1UB	7 m	ID: 934562075 Name: GAN-DFFE7X-AG0700C1-XC607-AB
8940	GAN22LU-S24-6090250-1UC	2.5 m	
13488	GAN22LU-S24-6091200-1UB	12 m	
11523	GAN22LU-S24-6091500-1UB	15 m	ID: 934562112 Name: GAN-DFFE7X-AG1500C1-XC607-AA
8322	GAN22LU-S24-6091000-1UB	10 m	ID: 934562080 Name: GAN-DFFE7X-AG1000C1-XC607-AA

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