



Part Number: 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 Specifications

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
Protection Degree / IP Rating:	P65, IP67
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
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 off lacquer wetting disturbing substances, good chemical and oil resistance, Exclusion of Silicone

Approvals

VDE:	yes
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Safety & Environmental Compliance

RoHS Compliant:	yes
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Resistances

Halogenfree:	no
Oil Resistance:	IEC 60811:404

Notes

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

Variants

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

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