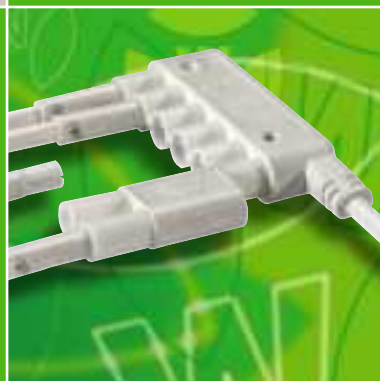




gesis[®] MICRO

**Pluggable electrical installations
in mini-format**

Strong like the big ones

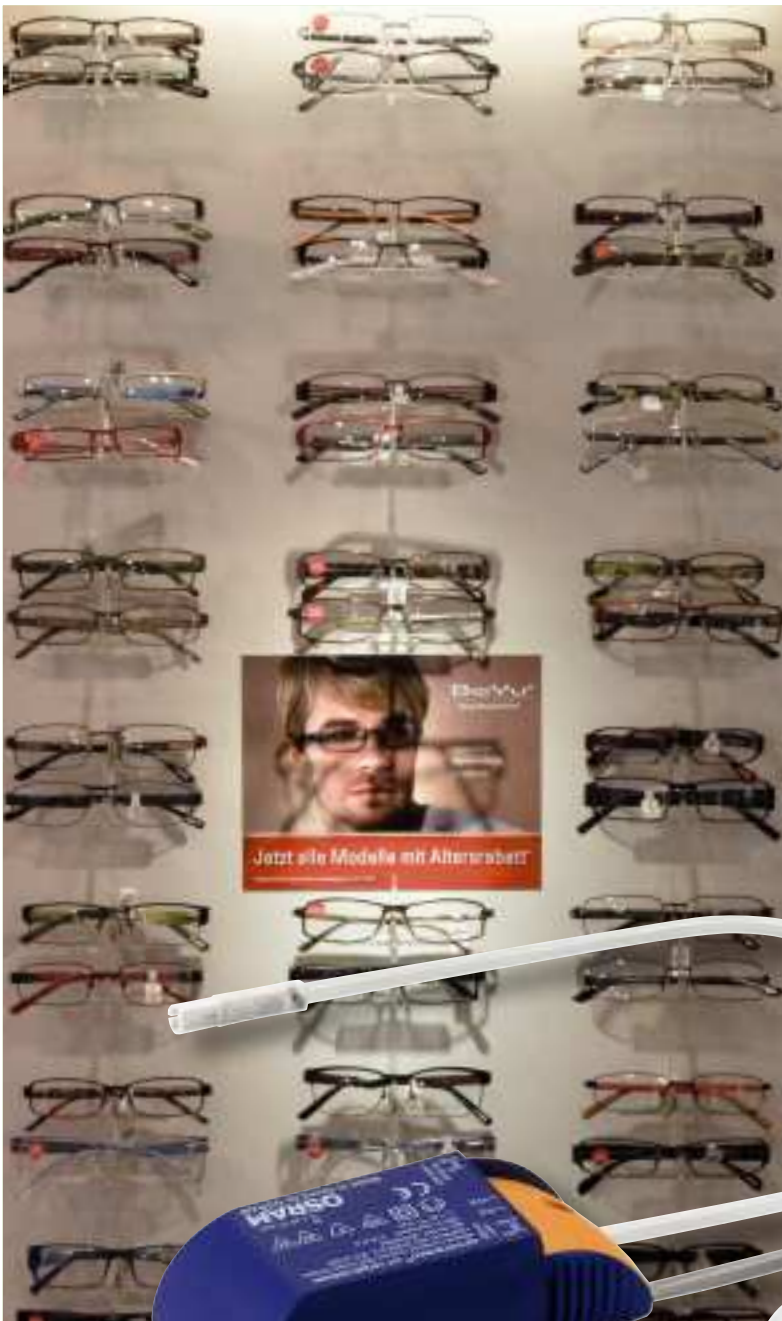






Invisible installations for your presentation

As you can see, you cannot see anything!



Our **gesis** MICRO connector system connects your light in showcases and on shelves – in places where no one else can get. And that in the simplest way imaginable.

Because **gesis** MICRO is so small, all you need is a drilled hole to run the lines through.

Because **gesis** MICRO comes as a pre-assembled cable, you do not have to manually connect the plugs - it is all "plug-and-play".

And because **gesis** MICRO is matched to the whole **gesis** family, you buy a complete system – and you can extend your installation, even as far as the earth contact plug of the power cord.

This makes the electrical installation inside your furniture "invisible" from the outside, so that nothing distracts the eye from the things that matter.

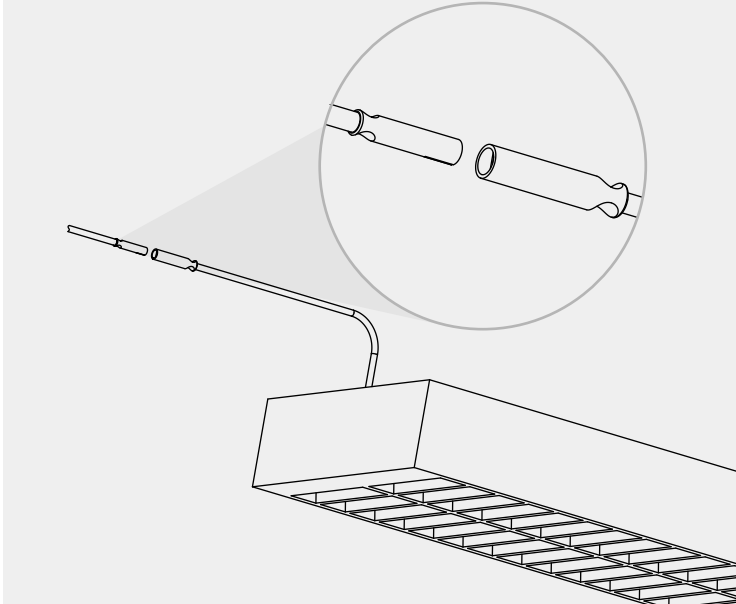




Light and security where no one else gets

Pluggable electrical installation in mini-format

Application example



General

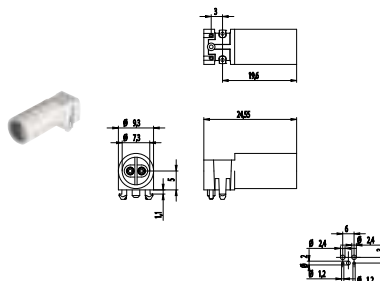
Whether the task is feeding of power supply units or low-voltage distribution, **gesis** Mico takes the next step towards miniaturization of the **gesis** system. The backbone of the new connector system are one 3 pole and three 2 pole codings complete with adapter cables. Here again the point is: the coding color is assigned to an application.

You can simply run the connectors through the drilled holes, so that no special tools are required for laying the cables.

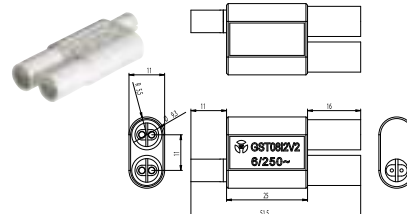
Solder connection, 2 pole distribution unit, 230 V/2.5 A

Female connector

Solder connector, horizontal

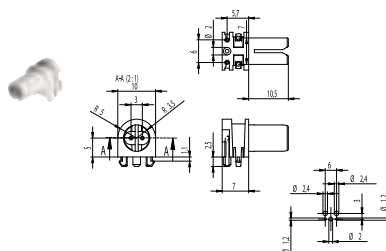


Distribution unit 11/20

[illegible]

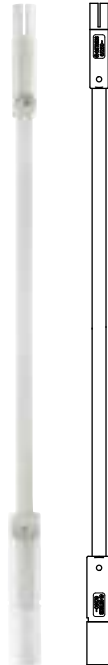
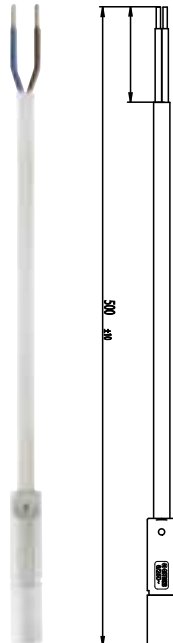
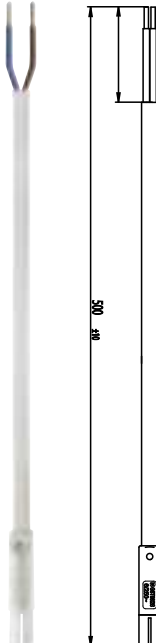
Male connector

Solder connector, horizontal



Application	Coding	Color	Part No.	Part No.
			Installation position horizontal Solder pin length 2.5 mm Fixation Studs	
	Code 1 	white Type	99.440.0000.8 GST08 2LS WS	

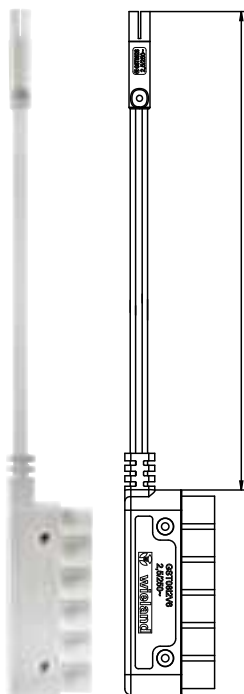
Cable assemblies, 2 pole, 230V/2.5 A

H03V2V2H2-F2G0.75 Insulation: containing halogen (PVC)			 Extension cable 2 x 0.75 mm² Female – Male		 Connection cable 2 x 0.75 mm² Female – Free end Wire ends¹⁾ Ferrules Sheath strip length 21 mm Wire strip length 7 mm		 Connection cable 2 x 0.75 mm² Male – Free end Wire ends¹⁾ Ferrules Sheath strip length 21 mm Wire strip length 7 mm	
Application	Coding	Color	Length ²⁾	Part No.	Part No.	Part No.		
	Code 1  Female  Male	white Cable white	0.5 m		99.400.0000.8	99.402.0000.8		
			1.0 m	99.403.0000.8				
			3.0 m	99.404.0000.8				
			Type	GST08I2BS 75P 10WS	GST08I2B -75P 05WS	GST08I2-S 75P 05WS		

¹⁾ Other sheath and insulation strip lengths available on request

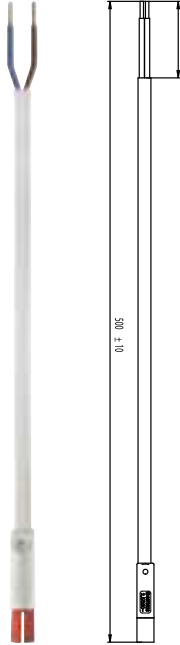
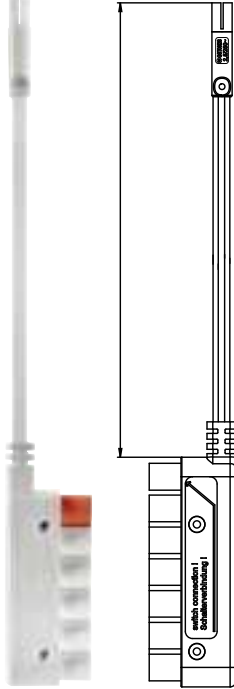
²⁾ Other lengths available on request

Cable assemblies with distribution unit, 230 V/2.5 A

H03V2V2H2-F2G0.75 Insulation: containing halogen (PVC)									
			Connection cable 2 x 0.75 mm² Female – Male GST 15i2		Distribution unit – Male 2 x 0.75 mm² 1x input, male 6x outputs, female		Distribution unit – Male 2 x 0.75 mm² 1x input, GST15i3, male 6x outputs, female		
Application	Coding	Color	Length²)	Part No.	Part No.	Part No.			
	Code 1 Female Male	white Cable white	0.5 m	99.401.0000.8	99.405.0000.8				
			1.0 m						
			3.0 m						
						Type	GST08i2BB 75P 05WS	GST08i2VS6P 75P 05WS	
						Power circuit must be fused with a 2.5 A fuse.			

¹⁾ Other sheath and insulation strip lengths available on request
²⁾ Other lengths available on request

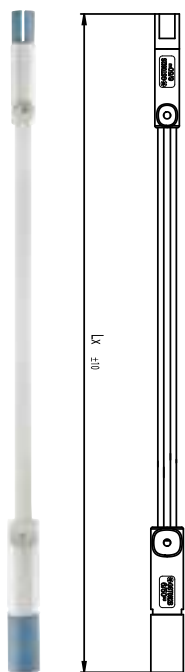
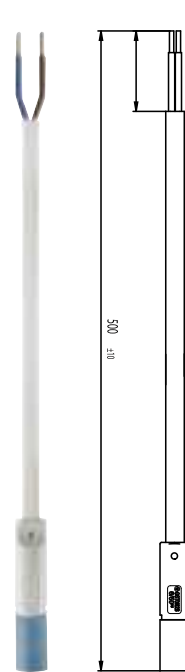
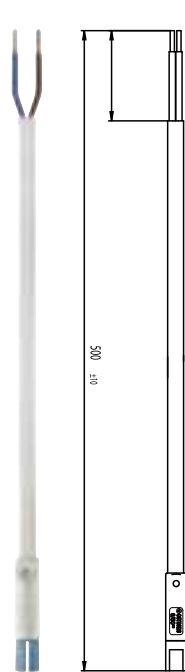
Cable assemblies, 2 pole with switching input, 230V/2.5 A

H03V2V2H2-F2G0.75 Insulation: containing halogen (PVC)						
			Connection cable 2 x 0.75 mm ² Male – Free end Wire ends ¹⁾ Ferrules Sheath strip length 21 mm Wire strip length 7 mm		Distribution unit – Male 2 x 0.75 mm ² 1x input, male 6x outputs, female 1x switching input	
Application	Coding	Color	Length ²⁾	Part No.	Part No.	
Switching input	Coda 2	Female	0.5 m		99.406.0000.8	
			1.0 m			
			2.0 m	99.407.0000.8		
		red				
		Cable white				
		Male				
			Type	GST08i2-S 75P 20BR	GST08i2VS6S 75P 0504	

¹⁾ Other sheath and insulation strip lengths available on request

²⁾ Other lengths available on request

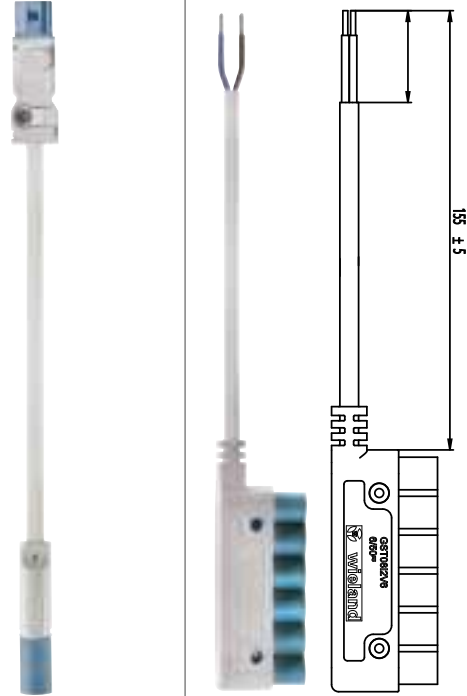
Cable assemblies, 2 pole, 12 V/6 A

H03V2V2H2-F2G0.75 Insulation: containing halogen (PVC)			 Extension cable 2 x 0.75 mm² Female – Male		 Connection cable 2 x 0.75 mm² Female – Free end Wire ends¹⁾ Ferrules Sheath strip length 21 mm Wire strip length 7 mm		 Connection cable 2 x 0.75 mm² Male – Free end Wire ends¹⁾ Ferrules Sheath strip length 21 mm Wire strip length 7 mm	
Application	Coding	Color	Length ²⁾	Part No.	Part No.	Part No.		
	Code 3  Female  Male	blue Cable white	0.5 m		99.411.0000.8			
			1.0 m		99.412.0000.8			
			3.0 m					
Type			GST08I2BS 75P 10WS		GST08I2B- 75P 05BL02	GST08I2-S 75P 05BL02		

¹⁾ Other sheath and insulation strip lengths available on request

²⁾ Other lengths available on request

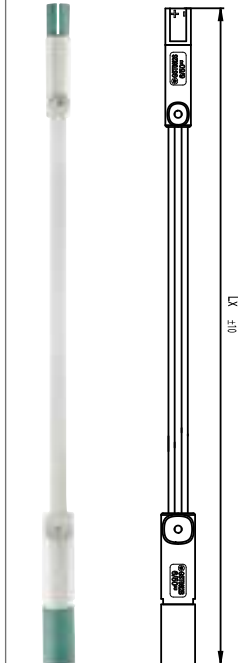
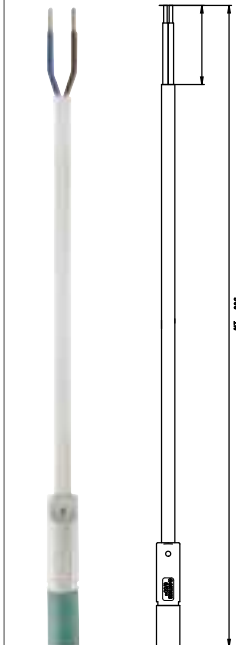
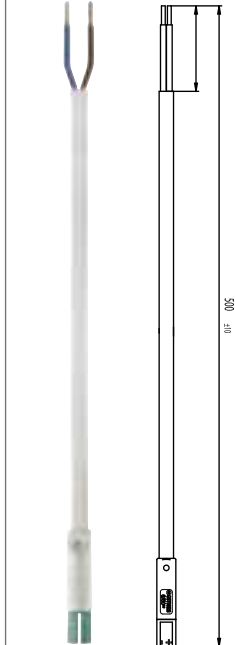
Cable assemblies and distribution units, 2 pole, 12 V/6 A

H03V2V2H2-F2G0.75 Insulation: containing halogen (PVC)			 Connection cable 2 x 0.75 mm² Female – Male GST 15i2 Distribution unit – Free end 2 x 0.75 mm² 1x input, free end 6x outputs, female Sheath strip length21 mm Wire strip length7 mm		
Application	Coding	Color	Length ²⁾	Part No.	Part No.
	Code 3	Female	0.15 m		99.413.0000.8
			0.50 m	99.409.0000.8	
		1.00 m			
		3.00 m			
		Male	Cable white		
			Type	GST08i2BB 75P 05BL02	GST08i2 VS6P 75P 05BL02

¹⁾ Other sheath and insulation strip lengths available on request

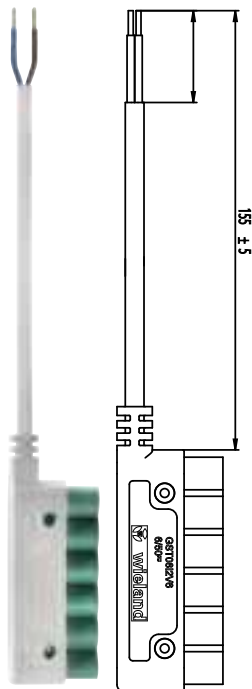
²⁾ Other lengths available on request

Cable assemblies, 2 pole, 24V/6 A

H03V2V2H2-F2G0.75 Insulation: containing halogen (PVC)								
			Extension cable 2 x 0.75 mm² Female – Male		Connection cable 2 x 0.75 mm² Female – Free end Wire ends¹⁾Ferrules Sheath strip length21 mm Wire strip length7 mm		Connection cable 2 x 0.75 mm² Male – Free end Wire ends¹⁾Ferrules Sheath strip length21 mm Wire strip length7 mm	
Application	Coding	Color	Length ²⁾	Part No.	Part No.	Part No.		
Coda 3 Female Male		green Cable white	0.5 m		99.414.0000.8	99.416.0000.8		
			1.0 m	99.417.0000.8				
			3.0 m	99.418.0000.8				
			Type	GST08i2BS 75P 10WS	GST08i2B- 75P 05BL02	GST08i2-S 75P 05BL02		

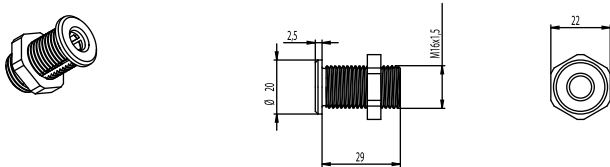
¹⁾ Other sheath and insulation strip lengths available on request
²⁾ Other lengths available on request

Cable assemblies and distribution units, 2 pole, 24 V/6 A

H03V2V2H2-F2G0.75 Insulation: containing halogen (PVC)					
			Distribution unit – Free end 2 x 0.75 mm ² 1x input, free end 6x outputs, female Sheath strip length 21 mm Wire strip length 7 mm		
Application	Coding	Color	Length ²⁾	Part No.	
	Code 3	Female	0.15 m	99.419.0000.8	
	Male	Cable white			
			Type	GST0812 VS6P 75P 05BL02	

²⁾ Other lengths available on request

Accessories

Housing installation frame 	Name		Color	Part no.
	Housing installation frame		white	99.450.0000.8
	 For 2 pole female connector including fixation screw GST08i2			

Additional information about the complete GST range (2 pole to 5 pole) available in the brochures

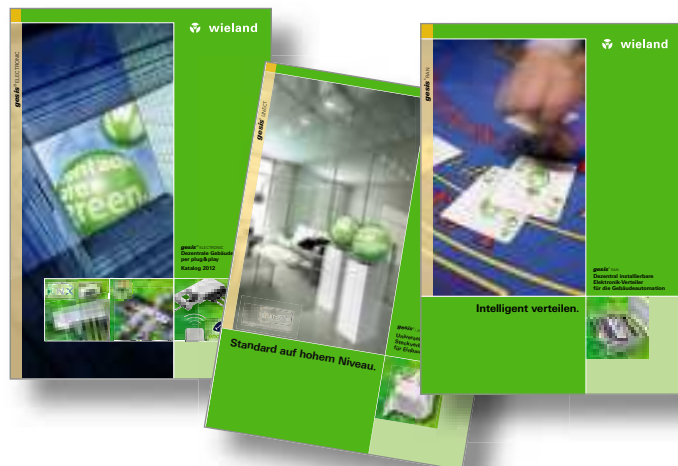
0640.1 "Small and powerful"

0700.1 "Decentralized building automation"

0602.1 "State-of-the-Art Standard"

0409.1 "Intelligent Deal"

and in our eCat for direct ordering with further information, drawings, etc.



Cable assemblies 3 pole, 230 V/6 A

H03VV-F3G0.75 Insulation: containing halogen (PVC)								
			Extension cable 3 x 0.75 mm² Female – Male		Connection cable 3 x 0.75 mm² Female – Free end Wire ends¹⁾Ferrules		Connection cable 3 x 0.75 mm² Male – Free end Wire ends¹⁾Ferrules	
Application	Coding	Color	Length ²⁾	Part No.	Part No.	Part No.		
	Code 1 Female Male	white Cable white	0.5 m		99.420.0000.8	99.422.0000.8		
			1.0 m	99.423.0000.8				
			3.0 m	99.424.0000.8				
			Type	GST08I3BS 75P 10WS	GST08I3B- 75P 05WS	GST08I3-S 75P 05WS		

¹⁾ Other sheath and insulation strip lengths available on request
²⁾ Other lengths available on request

Cable assemblies 3 pole, 230 V/6 A

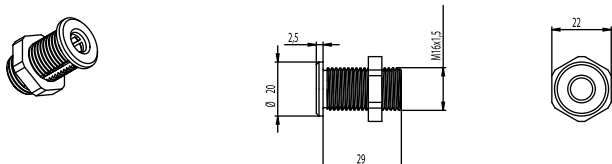
H03VV-F3G0.75 Insulation: containing halogen (PVC)			 Distribution unit – Male 3 x 0.75 mm² 1x input, male 6x outputs, female	 Connection cable 3 x 0.75 mm² Female – Male GST 15i3		
Application	Coding	Color	Length ²⁾	Part No.	Part No.	
	Code 1	Female	0.5 m	99.425.0000.8	99.421.0000.8	
			2.0 m			
		Male				
		Type		GST08i3BB 75P 05WS		

¹⁾ Other sheath and insulation strip lengths available on request

²⁾ Other lengths available on request

Accessories

Housing installation frame	Name		Color	Part no.
	Housing installation frame		white	99.451.0000.8

For 3 pole female connector
including fixation screw GST08i3

Additional information about the complete GST range (2 pole to 5 pole) available in the brochures

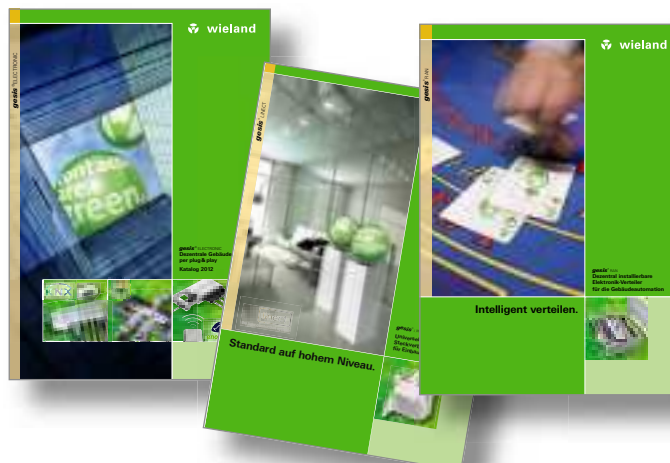
0640.1 "Small and powerful"

0700.1 "Decentralized building automation"

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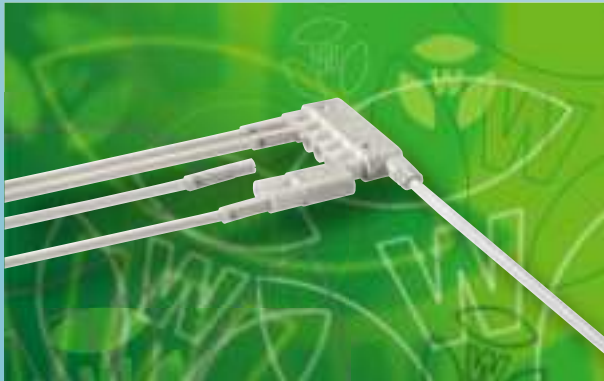
and in our eCat for direct ordering with further information, drawings, etc.





Possible uses.

Only drill once!



Technical data GST08i2

General:

Number of poles:	2		
Rated values:	White coding:	250 V~, 2.5 A	
	Blue coding:	12 V, 6 A	
	Green coding:	24 V, 6 A	
	Red coding:	250 V~, 2.5 A	
Approvals:	EN 60320 and EN 61984 applied for		
Ambient temperature:	-5...+40° C		
Operating temperature:	Max. 70° C		
Materials:	Cables:	PVC (H03V2V2H2-F)	
	Insulation housing:	PA 6	
	Housing:	PVC	
Codings:	Different mechanical codings, identified by color. Observe differing rated voltages.		
Please note:	When using adapter cables for connection to GST 15 or GST 18, the circuit must be fused for the rated current of the GST08 components!		
	GST08 connectors are not a replacement for domestic plug and socket systems. According to VDE0100, only qualified electricians or electrotechnically instructed persons shall use installation connector systems.		
	gesis MICRO (GST08) is not intended for use in fixed installations.		
	Never tamper with the cables and components! Observe applicable accident prevention and safety regulations. Do not use third-party components.		
Cable assemblies:	Variations:	Extension cables	Female – Male
		Connection cables	Female – Free end
		Connection cables	Male – Free end
		Adapter cables	Female GST 15 to male GST08
		Distribution cables	Male connector to 6-fold distribution unit
Open line ends:	Sheath and insulation stripped and crimped with ferrules		

Technical data GST08i3

General:

Number of poles: 3
 Rated values: White coding: 250 V~, 6 A

Approvals: EN 60320 and EN 61984 applied for

Ambient temperature: -5...+40° C
 Operating temperature: Max. 70°C

Materials: Cables: PVC (H03VV-F)
 Insulation housing: PA 6
 Housing: PVC

Codings: A mechanical coding

Please not: When using adapter cables for connection to GST 15 or GST 18, the circuit must be fused for the rated current of the GST08 components!

GST08 connectors are not a replacement for domestic plug and socket systems. According to VDE0100, only qualified electricians or electrotechnically instructed persons shall use installation connector systems.

gesis MICRO (GST08) is not intended for use in fixed installations.

Never tamper with the cables and components! Observe applicable accident prevention and safety regulations. Do not use third-party components.

Cable assemblies:	Variations:	Extension cables	Female – Male
		Connection cables	Female – Free end
		Connection cables	Male – Free end
		Adapter cables	Female GST 15 to male GST 08
		Distribution cables	Male connector to
			6-fold distribution unit

Open line ends: Sheath and insulation stripped and crimped with ferrules

Hotline, advice

Additional information

Technical support

Automation technology:

■ Safety technology **safety**

Phone: +49 951 9324-999

e-mail: safety@wieland-electric.com

■ Remote power distribution **podis**®

Phone: +49 951 9324-998

■ **interface**: Power supply, industrial Ethernet switches, timer relays, measuring and monitoring relays, coupling relays, analog modules, remote I/O, surge protection, passive interfaces

Phone: +49 951 9324-995

■ DIN rail terminal blocks **fasis, selos**

Phone: +49 951 9324-991

■ Industrial multipole connectors **revos**

Phone: +49 951 9324-992

■ PCB terminals and connectors **wiecon**

Appliance terminals, European terminal strips, housings for electronic components

Phone: +49 951 9324-993

Fax: +49 951 9326-991

e-mail: AT.TS@wieland-electric.com

Technical support

Building services engineering:

■ System connectors for building installation

gesis CON, **gesis** RAN, **gesis** ELECTRONIC

Phone: +49 951 9324-996

■ DIN rail terminal blocks **fasis** BIT, **selos** BIT

Phone: +49 951 9324-991

Fax: +49 951 9326-996

e-mail: BIT.TS@wieland-electric.com

Technical support

Photovoltaics/solar technology:

■ Photovoltaics **gesis** SOLAR

Phone: +49 951 9324-972

Fax: +49 951 9326-977

e-mail: Solar@wieland-electric.com

Sales service:

- To contact our sales department regarding availability, delivery schedules, and pricing please call
Phone: +49 951 9324-990

Additional information for pluggable installation:

gesis CON	Part No. 0600.1
gesis IP+	Part No. 0690.1
gesis luminaires catalog	Part No. 0407.1

for remote electronic distribution units:

gesis ELECTRONIC	Part No. 0700.1
gesis RAN	Part No. 0409.1

for solar technology:

gesis SOLAR flyer	Part No. 0411.1
gesis SOLAR catalog	Part No. 0710.1

Information about Wieland products in general:

Wieland Product Overview Part No. 0003.1

General information and news:

www.wieland-electric.com

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Industrial technology

Solutions for the control cabinet

- DIN rail terminal blocks
 - Screw, tension spring or push-in connection technology
 - Wire cross sections up to 240 mm²
 - Numerous special functions
 - Software solutions interfacing to CAE systems
- Safety
 - Safe signal acquisition
 - Safety switching devices
 - Modular safety modules
 - Compact safety controllers
 - Applicative consultancy and training
- Network engineering and fieldbus systems
 - Remote maintenance via VPN industrial router and VPN service portal
 - Industrial Ethernet switches
 - PLC and I/O systems, standard and increased environmental conditions
- Interface
 - Power supply units
 - Overvoltage protection
 - Coupling relays, semiconductor switches
 - Timer relays, measuring and monitoring relays
 - Analog coupling and converter modules
 - Passive interfaces

Solutions for field applications

- Decentralized installation and automation technology
 - Electrical installation for wind tower
 - Fieldbus interfaces and motor starters
- Connectors for industrial applications
 - Rectangular and round connectors
 - Aluminum or plastic housings
 - Degree of protection up to IP 68
 - Current-carrying capacity up to 100 A
 - Connectors for hazardous areas
 - Modular, application-specific technology

PC board terminals and connectors

- Screw or spring clamp connection technology
- Spacings: 3.5 mm to 10.16 mm
- Reflow or wave soldering process

Building and installation technology

- Building installation systems
 - Main power supply connectors IP 20/IP 65 ... IP 68
 - Bus connectors
 - Low-voltage connectors
 - Power distribution system with flat cables
 - Distribution systems
 - Bus systems in KNX, LON and radio technology
 - DIN rail terminal blocks for electrical installations
 - Overvoltage protection

contacts
are
green.