

# Data sheet | Item number: 769-668/003-000

THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 8-pole



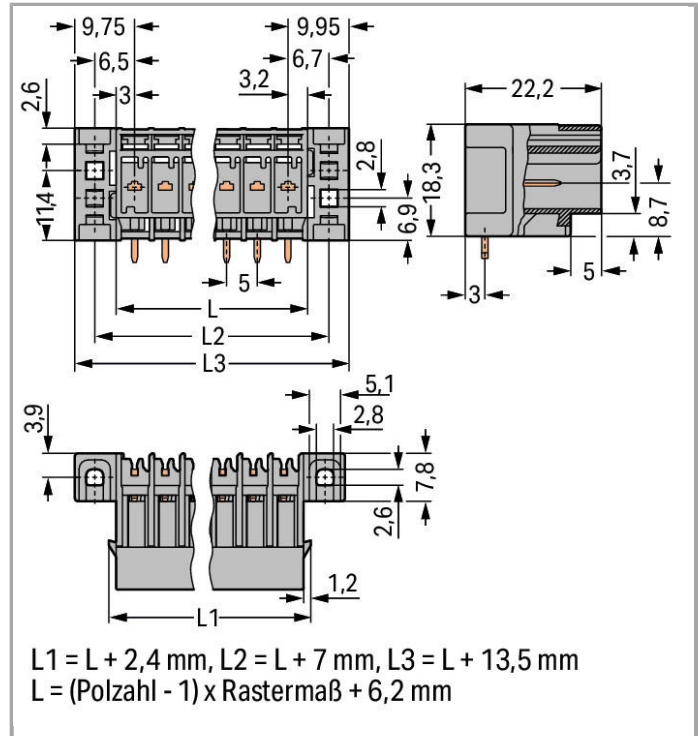
[www.wago.com/769-668/003-000](http://www.wago.com/769-668/003-000)



RoHS  Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color: ■



## Data

### Electrical data

#### Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	500 V
Rated impulse voltage (III / 2)	4 kV
Rated current	32 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

### Connection data

Actuation type	Operating tool
No. of poles	8
Total number of potentials	8
Number of levels	1

## Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	54.7 mm / 2.154 inch
Height from the surface	18.3 mm / 0.72 inch
Depth	22.2 mm / 0.874 inch
Solder pin dimensions	Solder pin 1 x 1 mm

## Mechanical data

Mounting type	Mounting flange
---------------	-----------------

## Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for PCBs
Mismating protection	No
Mating direction to the PCB	0°

## PCB contact

PCB contact	THT
-------------	-----

## Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.198 MJ
Weight	9.512 g

## Commercial data

Country of origin	PL
GTIN	4044918396875
Customs Tariff No.	85366990990
Product Group	18 (X-COM-System)

## Approvals / Certificates

### Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	NTR NL-7626
	CSA	1101144



DEKRA Certification B.V.





KEMA/KEUR

DEKRA Certification B.V.











2190419.01

## UL-Approvals

Logo	Approval	Certificate name
	UR Underwriters Laboratories Inc.	E45171
	UR Underwriters Laboratories Inc.	E45172

## Compatible products

## ferrule

	<b>Item no.: 216-101</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-101">www.wago.com/216-101</a>
	<b>Item no.: 216-102</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-102">www.wago.com/216-102</a>
	<b>Item no.: 216-103</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-103">www.wago.com/216-103</a>
	<b>Item no.: 216-104</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-104">www.wago.com/216-104</a>
	<b>Item no.: 216-201</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; insulated; electro-tin plated	<a href="http://www.wago.com/216-201">www.wago.com/216-201</a>
	<b>Item no.: 216-202</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; insulated; electro-tin plated	<a href="http://www.wago.com/216-202">www.wago.com/216-202</a>
	<b>Item no.: 216-203</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated	<a href="http://www.wago.com/216-203">www.wago.com/216-203</a>
	<b>Item no.: 216-204</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated	<a href="http://www.wago.com/216-204">www.wago.com/216-204</a>
	<b>Item no.: 216-206</b> Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated	<a href="http://www.wago.com/216-206">www.wago.com/216-206</a>
	<b>Item no.: 216-301</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated	<a href="http://www.wago.com/216-301">www.wago.com/216-301</a>



**Item no.: 216-302**  
 Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated

[www.wago.com/216-302](http://www.wago.com/216-302)

**Coding**



**Item no.: 769-435**  
 Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors

[www.wago.com/769-435](http://www.wago.com/769-435)

**Female plug**



**Item no.: 769-101**  
 1-conductor female plug; 4 mm<sup>2</sup>; 1-pole

[www.wago.com/769-101](http://www.wago.com/769-101)



**Item no.: 769-102**  
 1-conductor female plug; 4 mm<sup>2</sup>; 2-pole

[www.wago.com/769-102](http://www.wago.com/769-102)

**Item no.: 769-102/000-036**  
 1-conductor female plug; 4 mm<sup>2</sup>; 2-pole

[www.wago.com/769-102/000-036](http://www.wago.com/769-102/000-036)

**Item no.: 769-102/000-037**  
 1-conductor female plug; 4 mm<sup>2</sup>; 2-pole

[www.wago.com/769-102/000-037](http://www.wago.com/769-102/000-037)

**Item no.: 769-103**  
 1-conductor female plug; 4 mm<sup>2</sup>; 3-pole

[www.wago.com/769-103](http://www.wago.com/769-103)



**Item no.: 769-103/000-036**  
 1-conductor female plug; 4 mm<sup>2</sup>; 3-pole

[www.wago.com/769-103/000-036](http://www.wago.com/769-103/000-036)



**Item no.: 769-103/000-037**  
 1-conductor female plug; 4 mm<sup>2</sup>; 3-pole

[www.wago.com/769-103/000-037](http://www.wago.com/769-103/000-037)



**Item no.: 769-103/000-038**  
 1-conductor female plug; 4 mm<sup>2</sup>; 3-pole

[www.wago.com/769-103/000-038](http://www.wago.com/769-103/000-038)



**Item no.: 769-103/000-039**  
 1-conductor female plug; 4 mm<sup>2</sup>; 3-pole

[www.wago.com/769-103/000-039](http://www.wago.com/769-103/000-039)

**Item no.: 769-104**  
 1-conductor female plug; 4 mm<sup>2</sup>; 4-pole

[www.wago.com/769-104](http://www.wago.com/769-104)



**Item no.: 769-104/000-036**  
 1-conductor female plug; 4 mm<sup>2</sup>; 4-pole

[www.wago.com/769-104/000-036](http://www.wago.com/769-104/000-036)



**Item no.: 769-104/000-037**  
 1-conductor female plug; 4 mm<sup>2</sup>; 4-pole

[www.wago.com/769-104/000-037](http://www.wago.com/769-104/000-037)



**Item no.: 769-104/000-038**  
 1-conductor female plug; 4 mm<sup>2</sup>; 4-pole

[www.wago.com/769-104/000-038](http://www.wago.com/769-104/000-038)



**Item no.: 769-104/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 4-pole

[www.wago.com/769-104/000-039](http://www.wago.com/769-104/000-039)



**Item no.: 769-105**  
1-conductor female plug; 4 mm<sup>2</sup>; 5-pole

[www.wago.com/769-105](http://www.wago.com/769-105)



**Item no.: 769-105/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 5-pole

[www.wago.com/769-105/000-036](http://www.wago.com/769-105/000-036)



**Item no.: 769-105/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 5-pole

[www.wago.com/769-105/000-037](http://www.wago.com/769-105/000-037)



**Item no.: 769-105/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 5-pole

[www.wago.com/769-105/000-038](http://www.wago.com/769-105/000-038)



**Item no.: 769-105/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 5-pole

[www.wago.com/769-105/000-039](http://www.wago.com/769-105/000-039)

**Item no.: 769-106**  
1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

[www.wago.com/769-106](http://www.wago.com/769-106)

**Item no.: 769-106/000-006**  
1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

[www.wago.com/769-106/000-006](http://www.wago.com/769-106/000-006)



**Item no.: 769-106/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

[www.wago.com/769-106/000-036](http://www.wago.com/769-106/000-036)



**Item no.: 769-106/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

[www.wago.com/769-106/000-037](http://www.wago.com/769-106/000-037)



**Item no.: 769-106/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

[www.wago.com/769-106/000-038](http://www.wago.com/769-106/000-038)



**Item no.: 769-106/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

[www.wago.com/769-106/000-039](http://www.wago.com/769-106/000-039)

**Item no.: 769-107**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

[www.wago.com/769-107](http://www.wago.com/769-107)



**Item no.: 769-107/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

[www.wago.com/769-107/000-036](http://www.wago.com/769-107/000-036)



**Item no.: 769-107/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

[www.wago.com/769-107/000-037](http://www.wago.com/769-107/000-037)

**Item no.: 769-107/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

[www.wago.com/769-107/000-038](http://www.wago.com/769-107/000-038)



**Item no.: 769-107/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

[www.wago.com/769-107/000-039](http://www.wago.com/769-107/000-039)

**Item no.: 769-108**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

[www.wago.com/769-108](http://www.wago.com/769-108)

**Item no.: 769-108/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

[www.wago.com/769-108/000-036](http://www.wago.com/769-108/000-036)

**Item no.: 769-108/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

[www.wago.com/769-108/000-037](http://www.wago.com/769-108/000-037)

**Item no.: 769-108/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

[www.wago.com/769-108/000-038](http://www.wago.com/769-108/000-038)

**Item no.: 769-108/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

[www.wago.com/769-108/000-039](http://www.wago.com/769-108/000-039)

**Item no.: 769-108/021-000**  
1-conductor female plug; Locking lever; 4 mm<sup>2</sup>; 8-pole

[www.wago.com/769-108/021-000](http://www.wago.com/769-108/021-000)

**Item no.: 769-109**  
1-conductor female plug; 4 mm<sup>2</sup>; 9-pole

[www.wago.com/769-109](http://www.wago.com/769-109)



**Item no.: 769-109/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 9-pole

[www.wago.com/769-109/000-036](http://www.wago.com/769-109/000-036)



**Item no.: 769-109/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 9-pole

[www.wago.com/769-109/000-037](http://www.wago.com/769-109/000-037)



**Item no.: 769-109/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 9-pole

[www.wago.com/769-109/000-038](http://www.wago.com/769-109/000-038)



**Item no.: 769-109/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 9-pole

[www.wago.com/769-109/000-039](http://www.wago.com/769-109/000-039)

**Item no.: 769-110**  
1-conductor female plug; 4 mm<sup>2</sup>; 10-pole





[www.wago.com/769-110](http://www.wago.com/769-110)

**Item no.: 769-110/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 10-pole

[www.wago.com/769-110/000-036](http://www.wago.com/769-110/000-036)

**Item no.: 769-110/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 10-pole

[www.wago.com/769-110/000-037](http://www.wago.com/769-110/000-037)

	<b>Item no.: 769-110/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 10-pole	<a href="http://www.wago.com/769-110/000-038">www.wago.com/769-110/000-038</a>
	<b>Item no.: 769-110/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 10-pole	<a href="http://www.wago.com/769-110/000-039">www.wago.com/769-110/000-039</a>
	<b>Item no.: 769-111</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 11-pole	<a href="http://www.wago.com/769-111">www.wago.com/769-111</a>
	<b>Item no.: 769-111/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 11-pole	<a href="http://www.wago.com/769-111/000-036">www.wago.com/769-111/000-036</a>
	<b>Item no.: 769-111/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 11-pole	<a href="http://www.wago.com/769-111/000-037">www.wago.com/769-111/000-037</a>
	<b>Item no.: 769-111/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 11-pole	<a href="http://www.wago.com/769-111/000-038">www.wago.com/769-111/000-038</a>
	<b>Item no.: 769-111/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 11-pole	<a href="http://www.wago.com/769-111/000-039">www.wago.com/769-111/000-039</a>
	<b>Item no.: 769-112</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 12-pole	<a href="http://www.wago.com/769-112">www.wago.com/769-112</a>
	<b>Item no.: 769-112/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 12-pole	<a href="http://www.wago.com/769-112/000-036">www.wago.com/769-112/000-036</a>
	<b>Item no.: 769-112/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 12-pole	<a href="http://www.wago.com/769-112/000-037">www.wago.com/769-112/000-037</a>
	<b>Item no.: 769-112/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 12-pole	<a href="http://www.wago.com/769-112/000-038">www.wago.com/769-112/000-038</a>
	<b>Item no.: 769-112/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 12-pole	<a href="http://www.wago.com/769-112/000-039">www.wago.com/769-112/000-039</a>
	<b>Item no.: 769-113</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 13-pole	<a href="http://www.wago.com/769-113">www.wago.com/769-113</a>
	<b>Item no.: 769-113/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 13-pole	<a href="http://www.wago.com/769-113/000-036">www.wago.com/769-113/000-036</a>
	<b>Item no.: 769-113/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 13-pole	<a href="http://www.wago.com/769-113/000-037">www.wago.com/769-113/000-037</a>



<p><b>Item no.: 769-113/000-038</b> 1-conductor female plug; 4 mm<sup>2</sup>; 13-pole</p>	<p><a href="http://www.wago.com/769-113/000-038">www.wago.com/769-113/000-038</a></p>	
<p><b>Item no.: 769-113/000-039</b> 1-conductor female plug; 4 mm<sup>2</sup>; 13-pole</p>	<p><a href="http://www.wago.com/769-113/000-039">www.wago.com/769-113/000-039</a></p>	
<p><b>Item no.: 769-114</b> 1-conductor female plug; 4 mm<sup>2</sup>; 14-pole</p>	<p><a href="http://www.wago.com/769-114">www.wago.com/769-114</a></p>	
<p><b>Item no.: 769-114/000-036</b> 1-conductor female plug; 4 mm<sup>2</sup>; 14-pole</p>	<p><a href="http://www.wago.com/769-114/000-036">www.wago.com/769-114/000-036</a></p>	
<p><b>Item no.: 769-114/000-037</b> 1-conductor female plug; 4 mm<sup>2</sup>; 14-pole</p>	<p><a href="http://www.wago.com/769-114/000-037">www.wago.com/769-114/000-037</a></p>	
<p><b>Item no.: 769-114/000-038</b> 1-conductor female plug; 4 mm<sup>2</sup>; 14-pole</p>	<p><a href="http://www.wago.com/769-114/000-038">www.wago.com/769-114/000-038</a></p>	
<p><b>Item no.: 769-114/000-039</b> 1-conductor female plug; 4 mm<sup>2</sup>; 14-pole</p>	<p><a href="http://www.wago.com/769-114/000-039">www.wago.com/769-114/000-039</a></p>	
<p><b>Item no.: 769-115</b> 1-conductor female plug; 4 mm<sup>2</sup>; 15-pole</p>	<p><a href="http://www.wago.com/769-115">www.wago.com/769-115</a></p>	
<p><b>Item no.: 769-115/000-036</b> 1-conductor female plug; 4 mm<sup>2</sup>; 15-pole</p>	<p><a href="http://www.wago.com/769-115/000-036">www.wago.com/769-115/000-036</a></p>	
<p><b>Item no.: 769-115/000-037</b> 1-conductor female plug; 4 mm<sup>2</sup>; 15-pole</p>	<p><a href="http://www.wago.com/769-115/000-037">www.wago.com/769-115/000-037</a></p>	
<p><b>Item no.: 769-115/000-038</b> 1-conductor female plug; 4 mm<sup>2</sup>; 15-pole</p>	<p><a href="http://www.wago.com/769-115/000-038">www.wago.com/769-115/000-038</a></p>	
<p><b>Item no.: 769-115/000-039</b> 1-conductor female plug; 4 mm<sup>2</sup>; 15-pole</p>	<p><a href="http://www.wago.com/769-115/000-039">www.wago.com/769-115/000-039</a></p>	
	<p><b>Item no.: 769-121</b> 2-conductor female connector; 4 mm<sup>2</sup>; 1-pole</p>	<p><a href="http://www.wago.com/769-121">www.wago.com/769-121</a></p>
	<p><b>Item no.: 769-122</b> 2-conductor female connector; 4 mm<sup>2</sup>; 2-pole</p>	<p><a href="http://www.wago.com/769-122">www.wago.com/769-122</a></p>
	<p><b>Item no.: 769-123</b> 2-conductor female connector; 4 mm<sup>2</sup>; 3-pole</p>	<p><a href="http://www.wago.com/769-123">www.wago.com/769-123</a></p>
	<p><b>Item no.: 769-124</b> 2-conductor female connector; 4 mm<sup>2</sup>; 4-pole</p>	<p><a href="http://www.wago.com/769-124">www.wago.com/769-124</a></p>





**Item no.: 769-125**  
2-conductor female connector; 4 mm<sup>2</sup>; 5-pole

[www.wago.com/769-125](http://www.wago.com/769-125)

**Item no.: 769-126**  
2-conductor female connector; 4 mm<sup>2</sup>; 6-pole

[www.wago.com/769-126](http://www.wago.com/769-126)

**Item no.: 769-127**  
2-conductor female connector; 4 mm<sup>2</sup>; 7-pole

[www.wago.com/769-127](http://www.wago.com/769-127)

**Item no.: 769-128**  
2-conductor female connector; 4 mm<sup>2</sup>; 8-pole

[www.wago.com/769-128](http://www.wago.com/769-128)

**Item no.: 769-129**  
2-conductor female connector; 4 mm<sup>2</sup>; 9-pole

[www.wago.com/769-129](http://www.wago.com/769-129)

**Item no.: 769-130**  
2-conductor female connector; 4 mm<sup>2</sup>; 10-pole

[www.wago.com/769-130](http://www.wago.com/769-130)

**Item no.: 769-131**  
2-conductor female connector; 4 mm<sup>2</sup>; 11-pole

[www.wago.com/769-131](http://www.wago.com/769-131)

**Item no.: 769-132**  
2-conductor female connector; 4 mm<sup>2</sup>; 12-pole

[www.wago.com/769-132](http://www.wago.com/769-132)

**Item no.: 769-133**  
2-conductor female connector; 4 mm<sup>2</sup>; 13-pole

[www.wago.com/769-133](http://www.wago.com/769-133)

**Item no.: 769-134**  
2-conductor female connector; 4 mm<sup>2</sup>; 14-pole

[www.wago.com/769-134](http://www.wago.com/769-134)

**Item no.: 769-135**  
2-conductor female connector; 4 mm<sup>2</sup>; 15-pole

[www.wago.com/769-135](http://www.wago.com/769-135)

**Marking accessories**



**Item no.: 210-831**  
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive

[www.wago.com/210-831](http://www.wago.com/210-831)



**Item no.: 210-832**  
Marking strips; on reel; 3 mm wide; plain; Self-adhesive

[www.wago.com/210-832](http://www.wago.com/210-832)



**Item no.: 210-833**  
Marking strips; on reel; 6 mm wide; plain; Self-adhesive

[www.wago.com/210-833](http://www.wago.com/210-833)



**Item no.: 210-834**  
Marking strips; on reel; 5 mm wide; plain; Self-adhesive

[www.wago.com/210-834](http://www.wago.com/210-834)

**Downloads  
Documentation**

**Bid Text**

769-668/003-000

Oct 19, 2017

DOC  
25.6 kB

Download



## smartDATA

### CAD data

3D Download 769-668/003-000

URL

Download

---

## Product family

### X-COM

[Learn more about the product family.](#)

[Show all products from the family](#)

Subject to changes.

---

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.