

## Lighting, installation & CCTV for offshore and maritime applications



Founded in Hamburg in 1919 as a manufacturer of ship installation materials, we know the harsh climate on the coast and the challenges to man and material. These extreme conditions have shaped the demands on our products for around 100 years. The result is that everything we manufacture is made for the toughest environments.

To prove our quality we work with the following classification societies:





#### Our maritime product range



**One solution.** 

#### Lighting

Highlights that meet your requirements.







On course with our solutions.





Perfect for any situation.



Strong products. In every category.



#### Global network. Local presence.

It is important for us to know each other well. And this is done best through personal contact. That is why we at WISKA rely on a global network of sales partners and our own sales subsidiaries. That means for you: we are always close on. Before, during and after sales.

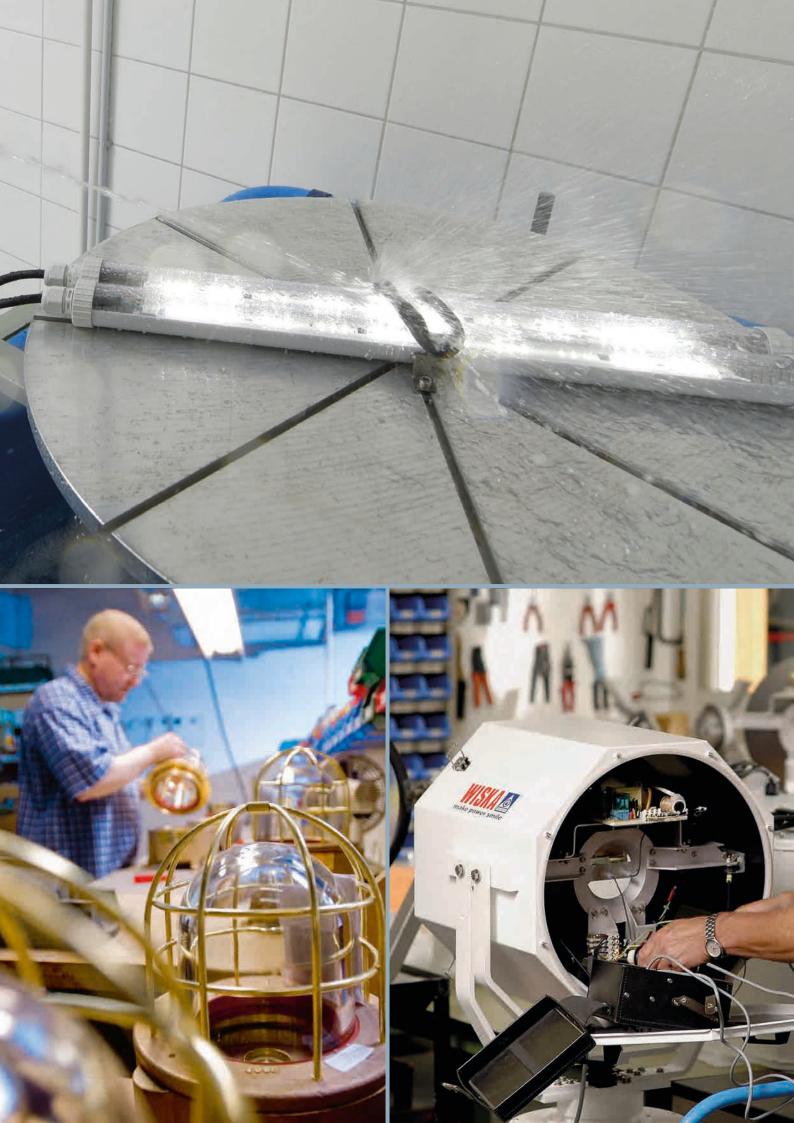




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#### Lighting: Highlights that meet your requirements.

Whether a floodlight that stays cool, a multipurpose luminaire that makes your everyday life easier, or a luminaire that has been developed for use in hazardous areas: when it comes to maritime lighting, our solutions are versatile. Both above and below deck.

#### Searchlights



#### Searchlight with various lamps

A product that adapts to your requirements: our searchlights are available in different configurations to suit various applications and illumination ranges.

- IP56
- Stainless steel
- 100 W 2000 W
- 24 V / 115 V / 230 V



#### Pan / tilt units & control devices

- IP56
- Stainless steel /
   aluminium
- 24 V / 115 V / 230 V
- Manual / electric
   operation

#### Power supply unit (PSU)

For metal-halide und xenon lamps you will need a power supply unit.

- 575 W 2000 W
- 110 V / 230 V



## Suez canal searchlight

- IP68
- Stainless steel
- 575 W
- 230 V
- Metal halide lamp



## Day signalling searchlight

- IP56
- Polyamide, fibre reinforced
- 30 W
- 12 V / 24 V
- Halogen lamp



#### LED multipurpose luminaire 4000

Came to stay: beyond excelling the high requirements of maritime lighting, the LED multipurpose luminaire 4000 reduces maintenance cost to zero. The reason for that is simple: the luminaire dispenses of a driver, which considerably minimises the risk of failure.



#### **Benefits:**

- IP66 / 67 / 68
- Polycarbonate
- 1x13 W / 26 W /
   2x13 W / 26 W
- 110 V / 230 V
- LED module
- Various mountings

Find more information at www.wiska.com

Connected to COMBI® MAR junction box, 1x13 W





#### Multipurpose luminaire

- IP67
- Galvanized steel or stainless steel housing, diffuser polycarbonate
- 1x18 W / 36 W / 2x18 W / 36 W
- 110 V / 230 V
- Fluorescent tube
- Various mountings



#### Multipurpose luminaire 2000

Easy and go: The multipurpose luminaire 2000 is easy to install without any tool and its corrosion-resistancy makes its longevity.



Type 1017

#### **Benefits:**

- IP68
- Housing PBT, globe polycarbonate
- Max. 75 W
- Max. 230 V
- Flash electronic / Incandescent lamp / LED lamp / TC lamp

Find more information at www.wiska.com

#### **HNA standard light**

- IP56
- Housing brass, globe glass or polycarbonate
- Max. 100 W
- Max. 230 V
- Incandescent lamp / LED lamp / TC lamp



Type 1131

Our promise: these parts are original, well-proven HNA products made in high WISKA® quality.

Type 1031



#### **PL luminaire**

- IP67
- Housing aluminium, diffuser polycarbonate
   Max. 11 W
- 24 V / 110 V / 230 V
- TC lamp / LED module



Type 1026

#### Portable hand lamp

- IP56
- Housing polycarbonate, globe glass
- Max. 75 W
- Max. 230 V
- Incandescent
   lamp / LED lamp



#### LED floodlight 5000

Crafted to stay cool: the new floodlight is the first of its kind to be heat-conductive and corrosionresistant thanks to a special plastic module. Ideal for use in extreme weather conditions at sea.



2x40 W



3x40 W

4x40 W

1x40 W

3x40 W

#### **Benefits:**

- IP66 / 67 / 68
- Seawater resistant module housing made of special heat conductive plastic, stainless steel frame, back cover and mounting bracket
- Modular design by independent single LED modules of 40 W
- 100 240 V
- 3 lens types: WB, MB, NB
- Options: front protection grid, without back cover

Find more information at www.wiska.com





#### **Floodlight brass**

- IP56
- Housing brass, bracket stainless steel
- Max. 1000 W
- Max. 230 V
- Halogen lamp



#### Floodlight stainless steel

- IP67
- Stainless steel
- 200 1000 W
- Max. 230 V
- Halogen lamp / discharge lamps

#### **Floodlight** aluminium

- IP66 •
- Housing • and bracket, aluminium
- Max. 1000 W
- Max. 230 V
- Halogen lamp



#### Navigation and signal lights



#### at www.wiska.com



2x13 W

2x26 W



#### Ex multipurpose fixture

The lightbody of our Ex brass lighting fixture is certified with explosion proof protection Ex d: this allows you to choose your light source flexibly according to your needs.

Fype 525	<ul> <li>Benefits:</li> <li>IP66 / 67</li> <li>Housing brass, globe glass</li> <li>Max. 60 W</li> <li>Max. 230 V</li> <li>Incandescent lamp / LED lamp / TC lamp</li> </ul>	Type 3312           Type 3312           Type 3314	<ul> <li>Benefits:</li> <li>IP66 / 67</li> <li>Housing brass, globe glass, stainless steel</li> <li>Max. 200 W</li> <li>Max. 230 V</li> <li>Incandescent lamp, LED lamp, TC lamp</li> <li>Find more information at www.wiska.com</li> </ul>



#### **Ex fluorescent light**

- Housing polyester, diffuser polycarbonate
- 2x18 W / 2x36 W
- 110 V / 230 V
- Fluorescent tube





Type 6148

#### **Ex fluorescent** light

- IP66 / 67
- Housing stainless • steel, diffuser polycarbonate
- 2x18 W / 36 W
- 110 V / 230 V
- Fluorescent tube



#### Ex pendant light

- IP66
- Housing aluminium, globe glass
- Max. 500 W
- Max. 230 V

#### **Ex portable** light

- IP66
- Housing polyamide
- 3 W
- Max. 240 V
- LED lamp



#### **Ex floodlight**

- IP66
- Cast aluminium
- Max. 600 W
- Max. 230 V
- Halogen lamp / discharge lamps



#### Internal lights



#### **Mirror light**

#### • IP44

- Housing galvanized
   steel
- 1x15 W / 1x11 W / 1x18 W
- Max. 230 V
- Fluorescent tube / LED module



#### **Cornice light**

- IP30
- Housing galvanized steel
- 2x11 W / 2x22 W / 1x18 W / 2x18 W
- Max. 230 V
- Fluorescent tube / LED module



#### Berth light

- IP20 / 30
- Housing polycarbonate / galvanized steel
- 1x6 W / 1x8 W / 1x9 W / 1x11 W / 1x40 W
- 110 V / 230 V
- Incandescent lamp /
   Fluorescent tube / TC lamp /
   LED module



#### Ceiling light recessed

- IP44 / 20
- Housing galvanized steel
- 2x11 W / 2x18 W / 2x36 W / 2x22 W
- 24 V / 110 V / 230 V
- Fluorescent tube, LED module

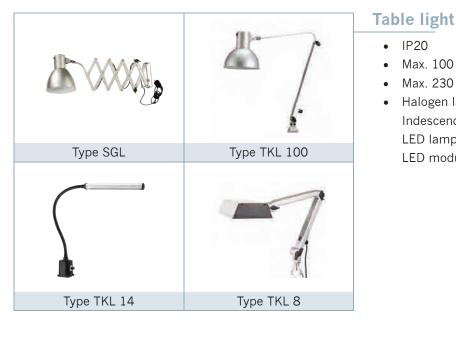


#### Downlight

- IP20 / 44
- Housing galvanized
   steel
- 18 W
- Max. 230 V
- LED module / TC lamp / LED lamp



#### **Internal lights**





IP20

Max. 100 W

Max. 230 V Halogen lamp / Indescendent lamp /

LED lamp /

LED module

•

.

Halogen lamp /



#### Wall light

- IP20 •
- Housing galvanized • steel
- 1x6 W / 1x13 W / 1x18 W
- Max. 230 V
- TC lamp / LED lamp











GAM 9340.01260

3280

GAM 0340.03100 GAM 9340.03090

GAM 9340 03080

CAM 9340.03127 CAM 9340.01290 CAM 9340.03180 CAM 9340.03110

CAN19340.02130

#### CCTV Video surveillance: One solution. Everything in view.

WISKAR

Our digital video systems are used to provide maritime safety and security. For every application, we offer custommade solutions and due to different functions our cameras provide security for commercial, passenger and working ships as well as offshore platforms and wind parks.

#### **Ex-proof cameras**





#### Watertight cameras



Fixed and PTZ type



Type CH-SW240/FL6

Full IP with PTZ and

presets

- Variable speed
- 30x optical zoom
- Backlight compensation



#### CH-S240/D200/H

- Fixed adjustable mounting bracket
- 30x optical zoom Backlight
  - compensation

box needed

## Watertight cameras / stainless steel

Our high quality cameras made of full stainless steel are perfectly adapted to withstand roughest outdoor conditions like seawater and vibration.

- IP68
- Stainless steel
- Full IP network camera
- Full HD resolution
- Pan-tilt-zoom and preset function available
- Wash / wipe function optional
- Operation temperature -30°C to 50°C



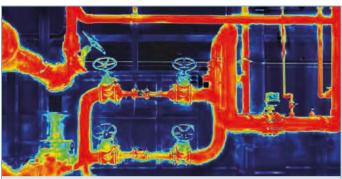
## Watertight cameras / plastic

Everything in view: our network dome cameras are made out of PBT and polycarbonate to provide IP68. A tough solution which is easy to install.

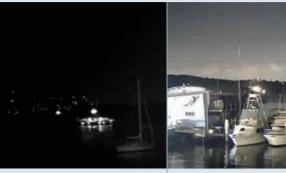
- IP68
- Vandal resistant PBT housing
- Polycarbonate dome
- Totally corrosion free
- Full IP network camera
- Full HD resolution
- Preset function available



#### Nightvision



Thermal



Standard view

Starlight



Infrared



#### **Nightvision**

Without puzzling through the night: our nightvision solutions are invented for special and extremely bad visibility conditions for in- and outdoor and can be used for different distances.

- Outdoor thermal cameras for high range and bad visibility
- Low light cameras without active infrared for Navy
- Infrared cameras for inside areas (0·Lux)

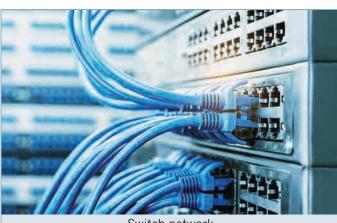
#### **Nightvision cameras**

We offer miscellaneous camera stations, either fixed or on pan-tilt unit. A combination with a daylight camera is possible as well.

- IP68
- Stainless steel
- Full IP network cameras
- Pan-tilit-zoom and preset function avaiable



#### Network



Switch network



Type Rack 19"

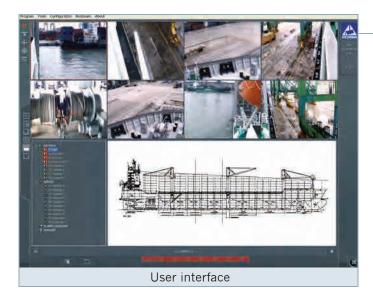
- Multiple IP camera server
- Different switch / fibre optic components
- Various sizes / cooling systems

#### Network

Fits to your needs: we offer customised network solutions for your individual request.

- Individual modifications of network solutions for CCTV systems
- From single switch to 19" rack
- Standard / POE / POE+ network
- Fibre connection for long distances

#### **CCTV** software



#### Type NET pro

Our software convinces by its easy handling and its compatibility to third party systems.

- Easy to use
- Up to 128x IP cameras each server
- User management system
- Alarm management system
- Multistreaming





#### Reefer container sockets: On course with our solutions.

57

Reliable, safe and punctual delivery of goods is of top priority for every ship owner. With our reliable solutions, we play our part in keeping this promise. And to provide different options for most diverse requirements we constantly develop new solutions for a wide range of reefer connections.

#### VARITAIN® Pushin

#### VARITAIN® Reefer container sockets



To offer the best VARITAIN<sup>®</sup> reefer container sockets for your demand we provide a modular design. To get your individual product you only have to decide three things: the number of sockets you want per housing, the need for a looping version and the short-circuit capacity.

## All VARITAIN<sup>®</sup> PushIn reefer container sockets feature the same high technical standards:

- IP66 / 67
- 1.4301 stainless steel housing, powder-coated, RAL9016
- 440 V
- 50 / 60 Hz
- 32 A sockets, 3 poles + E,
   3h acc. to IEC 60309, individually
   fused with CCB 25 kA or 10 kA
- Original reefer push in technology by WISKA®
- LED alert
- One single spare part module
- Proven non-metallic socket flanges
- -25°C to 45°C

Find more information at www.wiska.com



#### The Original: VARITAIN<sup>®</sup> PushIn

• WISKA<sup>®</sup> brass cable gland for power connection



#### Option: VARITAIN<sup>®</sup> PushIn Advance

- External power connection via nonmetallic power port – the housing stays closed during installation
- Factory seal to prove lid was not opened after final quality check in our production
- 40 % smaller housing



#### VARITAIN® Pushin Rack



#### **VARITAIN®** Pushin Rack

We put one on top: to allow for more reefer connections, we build an upright reefer container socket.

- Upright position for a maximum of reefer sockets at optional 2 sides of the housing
- Socket in 45° angle for space-saving and safe reefer connections
- Blind plug for sockets not needed
- WISKA<sup>®</sup> brass cable gland for power connection



#### Option: VARITAIN<sup>®</sup> PushIn Rack Advance

- External power connection via non-metallic power port – the housing stays closed during installation
- Factory seal to prove lid was not opened after final quality check in our production
- Smallest WISKA<sup>®</sup> reefer housing available





#### **PushIn mobile splitter**

- IP66 / 67
- Stainless steel powder coated
- 440 V
- 2 sockets 32 A, individually fused with a MCCB 25 kA and 20 A
- Easy-to-use and safe increase of reefer socket capacity
- Factory seal to prove lid was not opened after final quality check in our production
- Mobile handle
- Full PushIn technology modules incl. LED alert
- DNV GL approved



#### PushIn mobile extension

- IP66 / 67
- Stainless steel powder coated
- 440 V
- 1 socket 32 A, fused with a MCCB 25 kA
- Easy to use and safe extension of reefer connections
- 25 m cable
- Factory seal to prove lid was not opened after final quality check in our production
- Mobile handle
- Full PushIn technology module
   incl. LED alert



#### **Plugs and sockets**



#### Single reefer container socket

- IP56
- Brass,
   screw cap
   polyamide
- Max. 500 V
- Max. 32 A
- Various cable entry options and clock face positions



#### **CEE** socket

- IP67
- Plastic
- Max. 690 V
- Max. 125 A
- Various types and clock face positions



# Type 32A



- 1730 Drago go
- Brass, screw cap polyamide
- 500 V
- 16 A
- Various cable entry options

#### **CEE** plug

- IP56
- Brass
- Max. 500 V
- Max. 32 A
- Various types and clock face positions



#### CEE coupling

- IP67
- Plastic
- Max. 690 V
- Max. 125 A
- Various types and clock face positions





#### **CEE** socket

- IP67
- Plastic
- Max. 690 V
- Max. 125 A
- Various types and clock face positions

#### **CEE** plug

- IP67
- Plastic
- Max. 690 V
- Max. 125 A
- Various types and clock face positions









#### Installation material: Perfect for any situation.

Whether inside or outside, hot or cold, rain or sun: our installation materials are made for all applications on board and love extreme environments.

IP56

Brass 500 V, 16 A Various cable





#### **Switches**

- IP56
- Brass Max. 250 V,
- max. 16 A Various cable
- entry options Rotary on-off and change-over

switches

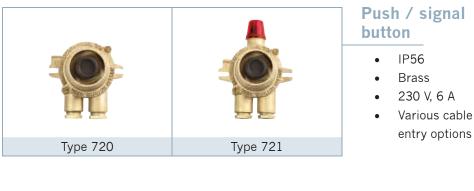


Type 1138

#### entry options

#### **Switches**

- IP56
- Brass
- Max. 250 V, max. 16 A
- Various cable entry options
- With control light
- Rotary on-off and change-over switches



#### **Emergency-off** push button

- IP56 Brass
  - 230 V. 6 A
  - Various cable entry options

### **HNA** TYPE .

Type 722

Our promise: these parts are original, well-proven HNA products made in high WISKA® quality.





### Push / signal button

• IP56

- Brass
- 230 V, 6 A
- Various cable entry options



## Door switch with switch lock

- IP56
- Brass
- 250 V, 10 A
- Various cable entry options



## Morse key with setting device

- IP56
- Brass
- 230 V, 6 A
- Various cable entry options



#### Socket

- IP56
- Brass
- Max. 250 V, 16 A
- Various cable entry options
- Screw cap in polyamide



#### Socket box

- IP56
- Brass
- Max. 250 V, 16 A
- Various cable entry options
- Screw cap in polyamide



## Socket for testing board

- IP56
- Brass
- Max. 250 V, 16 A
- Screw cap in polyamide





#### Socket and socket box

- IP56
- Brass
- 50 V, 10 A
- Various cable entry options
- Screw cap in polyamide

# Image: Weight of the second second

## Sockets with central plug-in

- IP56
- Brass / plastic
- 50 V, 10 A
- Various cable entry options
- Screw cap in polyamide



## Concentric socket with switch

- IP56
- Brass
  - 50 V, 10 A
- Various cable entry options
- Screw cap in brass and polyamide



Туре 1146

#### Double-socket with switch

- IP56
- Brass
- 250 V, 10 A
- Various cable entry options
- Screw cap in brass and polyamide



### Socket with switch

- IP56
- Brass
- Max. 250 V, 16 A
- Various cable entry options
- Screw cap in brass and polyamid







#### Plugs and coupling

- IP56
- Polycarbonate / ABS case
- 250 V, 16 A





Our promise: these parts are original, well-proven HNA products made in high WISKA® quality.



and the second s	
<b>COMBI® MAR 206</b> • 85 x 49 x 51 mm • 400 V	<b>COMBI® MAR 308</b> • 85 x 85 x 51 mm • 400 V
<b>COMBI® MAR 407</b> • 95 x 95 x 60 mm • 690 V	<b>COMBI® MAR 607</b> • 110 x 110 x 57 mm • 690 V
	1000
<b>COMBI® MAR 1010</b> • 140 x 140 x 72 mm • 690 V	<b>COMBI® MAR 1210</b> • 160 x 140 x 81 mm • 690 V
SCOMBI by WISKA	arthing plates

#### **COMBI® Junction boxes**

COMBI® junction boxes with their easily identifiable bellied cover and high standard of quality and workmanship answer electricians' everyday claims for offshore and onshore installations.

All COMBI® boxes have the following specifics:

- IP66 / 67
- Polypropylene



Brass



#### **Plastic installation equipment**



#### **Rocker switch**

- IP20 / 44 •
- 250 V, max. 16 A .
- Surface mounting



#### Transistor dimmer

- IP20
- Max. 500 W
- 230 V



#### **Rocker switch**

- IP20 / 44
- 250 V, 16 A
- Flush mounting •



#### Schuko socket

- IP20 / 44 •
- 250 V, 16 A •
- Surface mounting .



#### Schuko socket

- IP20 / 44
- 250 V, 16 A
- Flush mounting •

```
Type PH-ANTS-NWT
```

#### TV / Radio socket

• IP20



#### **USB** socket

- IP20
- Max. 240 V •



#### Schuko plug

- IP44
- Polyamide •
- 230 V, 16 A



#### Aluminium installation equipment



#### **Rocker switch**

- IP44 / 67
  - Cast aluminium, epoxy powder coated
  - 250 V, 16 A
  - Various cable entry options



Туре 722849х

#### **Rotary switch**

- IP67
- Cast aluminium, epoxy powder coated
- 250 V, 10 A
- Various cable entry options
- Rotary on-off and change-over switches

## Type 72184xx

#### Junction box

- IP67
- Cast aluminium, epoxy powder coated
- Max. 690 V
- Various cable entry options



Туре 722849х

#### Schuko socket

- IP44
- Cast aluminium, epoxy powder coated
- 250 V, 16 A
- Various cable entry options



#### IBS Industry box system

- IP66 / 67
- Stainless steel

| IBS         |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 151508      | 301508      | 202008      | 302008      | 402012      | 303012      | 302015      |
| 190 x 156 x | 340 x 156 x | 240 x 206 x | 340 x 206 x | 440 x 206 x | 340 x 306 x | 340 x 206 x |
| 100 mm      | 140 mm      | 170 mm      |



#### **Ex-proof installation material**



#### **Ex junction box**

- IP66
- Brass
- Max. 690 V, 33 A
- Zone 1, ATEX approval



#### Ex on-off-switch

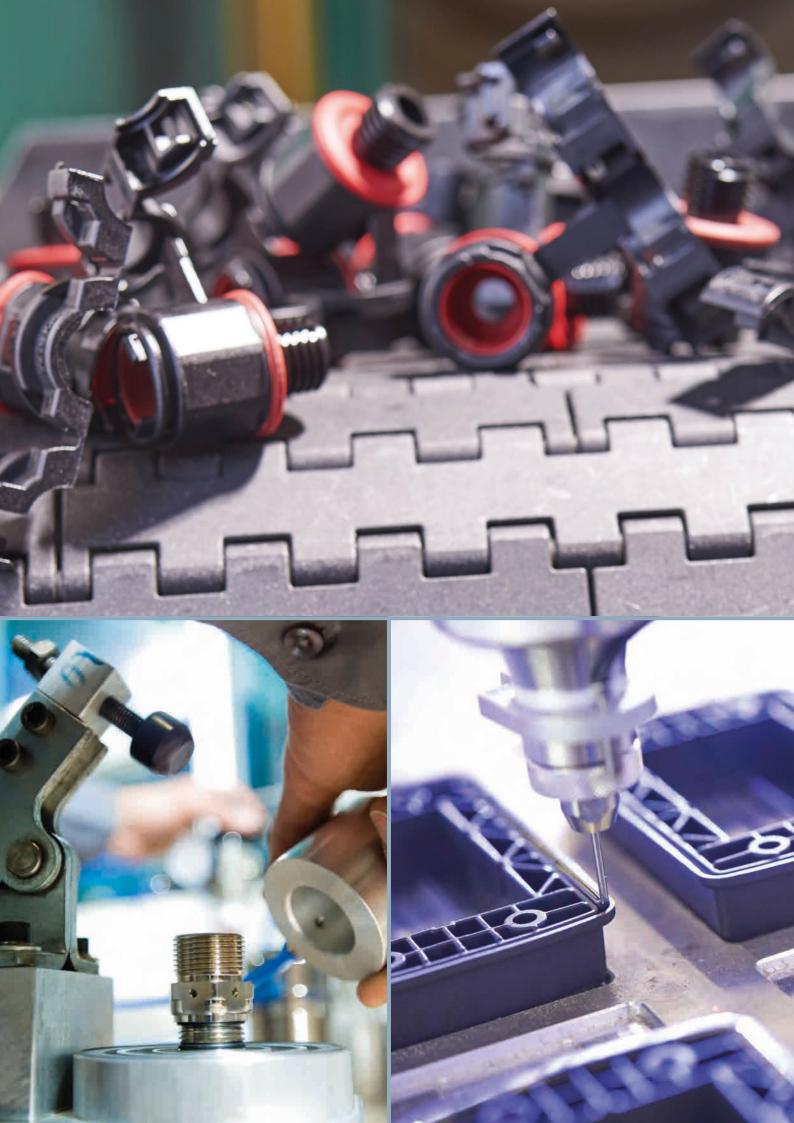
- IP66
- Brass
- Max. 690 V, 16 A
- Zone 1, IECEx, ATEX approval



#### Ex socket

- IP66
- Brass
- Max. 250 V, 16 A
- Zone 1, IECEx, ATEX approval





#### Cable entries: Strong products. In every category.

OL

USE AHAHA

Whether cable glands that can breathe, soft grommets that can withstand even the strongest traction force or cable protection that withstands the most extreme temperatures: when it comes to your cables, our products perform to the highest of standards.

#### SPRINT<sup>®</sup> System



#### SPRINT<sup>®</sup> Cable gland system

Versatile and durable: our cable gland system of polyamide, brass and stainless steel offers a modular solution for any kind of cable – due to identical clamping ranges and sealings. Also for explosion-proof, EMC and ventilation.

- IP68 / 69
- Brass, stainless steel and polyamide
- Wide range of accessories, such as sealing inserts
- EMC, Venting and Ex solutions
- Metric, NPT, PG threads

#### SPRINT

#### **EMC Solutions**



#### **EMC Cable glands**

- IP68 / 69
- Brass and stainless steel
- Available with earthing cone or contact sprint insert with 360° shield concept
- Part of the modular SPRINT<sup>®</sup> cable gland system



#### Venting



#### VentGLAND<sup>®</sup> / VentPLUG

The breathable ePTFE membrane that is resistant against UV radiation, oils, grease and saltwater protects your installation from condensation.

- IP68 / 69
- Cable glands and pressure equalisation elements to protect against condensation
- VentGLAND<sup>®</sup> is part of the modular SPRINT<sup>®</sup> cable gland system

#### Cable entry system





#### **CONMAXX®**

Highly flexible and easy to use: our cable entry system CONMAXX<sup>®</sup> saves you time installing pre-fabricated cables.

- IP66
- Installation from inside out with
   3 components: frame, sealings and grid
- Frame sizes from 70 x 81 mm to 69 x 152 mm
- CONMAXX<sup>®</sup> Gland for retrofit installations even during operation
- Polyamide V0

#### Brace® Cable protection system

#### Cable entries



## Non-metallic BraceFITTING & BraceCONDUIT

- IP68
- Fittings and conduits for toughest conditions
- PA 6 or PA 12
- Tear-proof closing system and and directly injected o-ring seals for the fitting
- Various connection thread and angle options
- Fittings PA 6 V0, conduits PA 6 / PA 12 VO, V2, HB
- Nominal widths 7 48 mm
- Fastening clip



## Metallic BraceFITTING & BraceCONDUIT

- IP67
- Tough against tearing, twisting, vibration
- Self-extinguishing
- Nominal widths 10 50 mm
- Conduits for corrugated or smooth profile



#### BraceSLEEVE

- Braided and woven sleeves for multiple / installed cables
- Tough against oils, fluids, chemicals
- VO / self-extinguishing

BRACE by WISKA



## KNOWING EACH OTHER COMES BEFORE NUMBERS

When looking for a supplier today, what do you base your decision on? The quality of the product? If so, who decides which product is the best? Or to put it another way: have you seen anyone claiming to offer a low quality product? Exactly.

Or do you choose the company that stands out with excellent processes and where a personal consultant guarantees individual service? Be honest – are there any professional suppliers still out there that do not offer that? Hardly.

We could list many more things that any good company claims to make a priority. We think that many things that have long been standard are often described as extraordinary. But they do not make us a better partner for you.

We are a better partner for a completely different reason. It is about building a relationship and how a talk turns into a great conversation. Because we know that excellent collaboration is based on knowing each other inside out. It is about creating mutual trust, which we hope you will appreciate when everything is going smoothly – and even more when a problem arises.

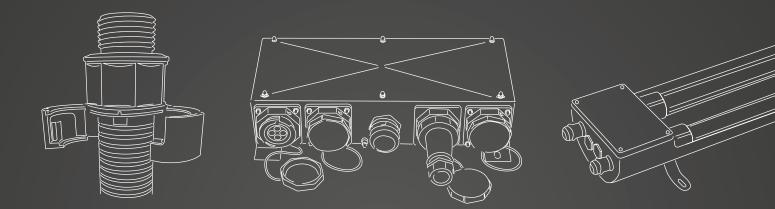
We look at it like this – doing great numbers together is important. And being able to rely on each other is even more important. Do you see things the same way? Then we want to meet you.

- Tanja and Ronald Hoppmann -

Your expert for good times and quality manufacturing. Find all our products at **www.wiska.com** 







#### About WISKA®

We are one of the world's leading manufacturers of electrical equipment, maritime lighting solutions, and CCTV video surveillance for trade, industry and shipbuilding. Founded in 1919, today our family-owned company employs over 260 people worldwide. We operate our own research and development facilities and production plants at our headquarters in Germany and have a global network of representatives and subsidiaries who ensure a quick and effective on-site customer service for you.

Your expert for good times and best maritime products. All products at **www.wiska.com** 

WISKA Hoppmann GmbH Kisdorfer Weg 28 24568 Kaltenkirchen Germany

contact@wiska.de www.wiska.com





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