



Product Catalog

Edition 13



Our Brands

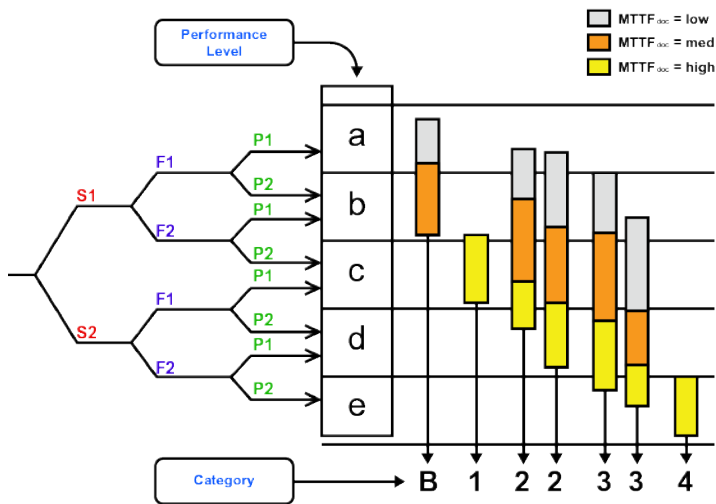


TABLE OF CONTENT

	Page
Pilz	
The standard in safe control technology	1
Safe sensor technology PSEN	2
Modular safety gate system	4
Safety relays PNOZsigma	5
Configurable control systems PNOZmulti2	6
Automation system PSS4000, myPNOZ Create your safety	7
Finder	
Relays	8
Programmable Logic Relays	9
Timer, Time switches, Contactors, Monitoring relay, Modbus, Energy	10
Thermostats, Module relay, Modular step relays, Solid state relay	11
Puls	
Power supplies IO-Link	12
PISA-B electronic circuit breakers	13
Single phase power supplies	14
Three phase power supplies, DC-UPS, Redundancy Modules	15
Pfannenberg	
Filter fans, Cooling units	16
Thermostats / Hygrostats, Heater, Signaling technology	17
TE / Entrelec	
Product overview TE Entrelec	18
DBL Power distribution blocks, DBLK Power distribution blocks, Compact power blocks	19
SNACompact terminal blocks screw clamp technology	20
SNK PI-Spring terminal blocks, SNK Screw terminal blocks	21
Baumer	
Sensor solutions in feeder technology	22
Sensor for breweries	23
Sensor for the packaging industry	24
Robust ultrasonic sensors, IO-Link Master	25
Programmable encoders, Incremental HeavyDuty encoders	26
Wieland	27
Pizzato	
Rope safety switches	28
Mechatronic safety devices	29



การประเมินความเสี่ยงตามมาตรฐาน EN 13849-1



S = ความรุนแรงของการบาดเจ็บ

S1 = บาดเจ็บเล็กน้อย

S2 = ได้รับบาดเจ็บสาหัส รวมถึงเสียชีวิต

F = ความถี่ต่อการสัมผัสความอันตราย

F1 = ไม่ค่อยบ่อยหรือสัมผัสอันตรายในระยะสั้น

F2 = บ่อยอย่างต่อเนื่อง หรือสัมผัสอันตรายในระยะเวลาที่ยาวนาน

P = ความเป็นไปได้ในการหลีกเลี่ยงอันตราย

P1 = ความเป็นไปได้ในการหลีกเลี่ยงอันตราย

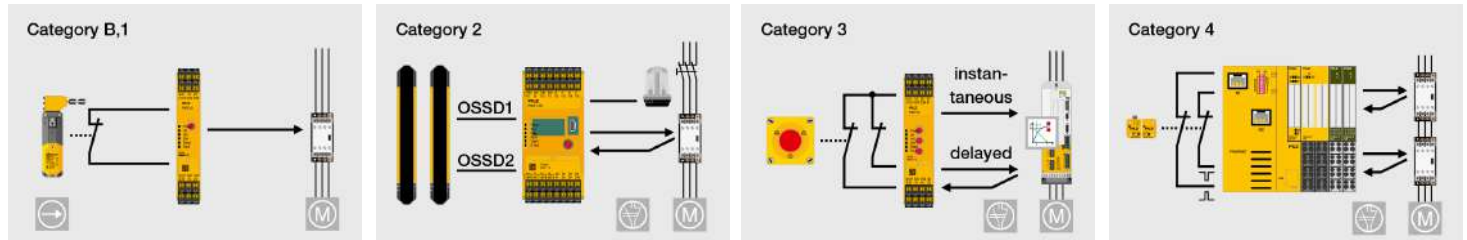
P2 = แทบจะเป็นไปไม่ได้

PAScal® Safety Calculator - Calculation software for verifying functional safety

Determine the safety levels of safety functions with ease - with the Safety Calculator PAScal you have a handy calculation tool to verify functional safety in accordance with EN ISO 13849-1 and EN/IEC 62061.

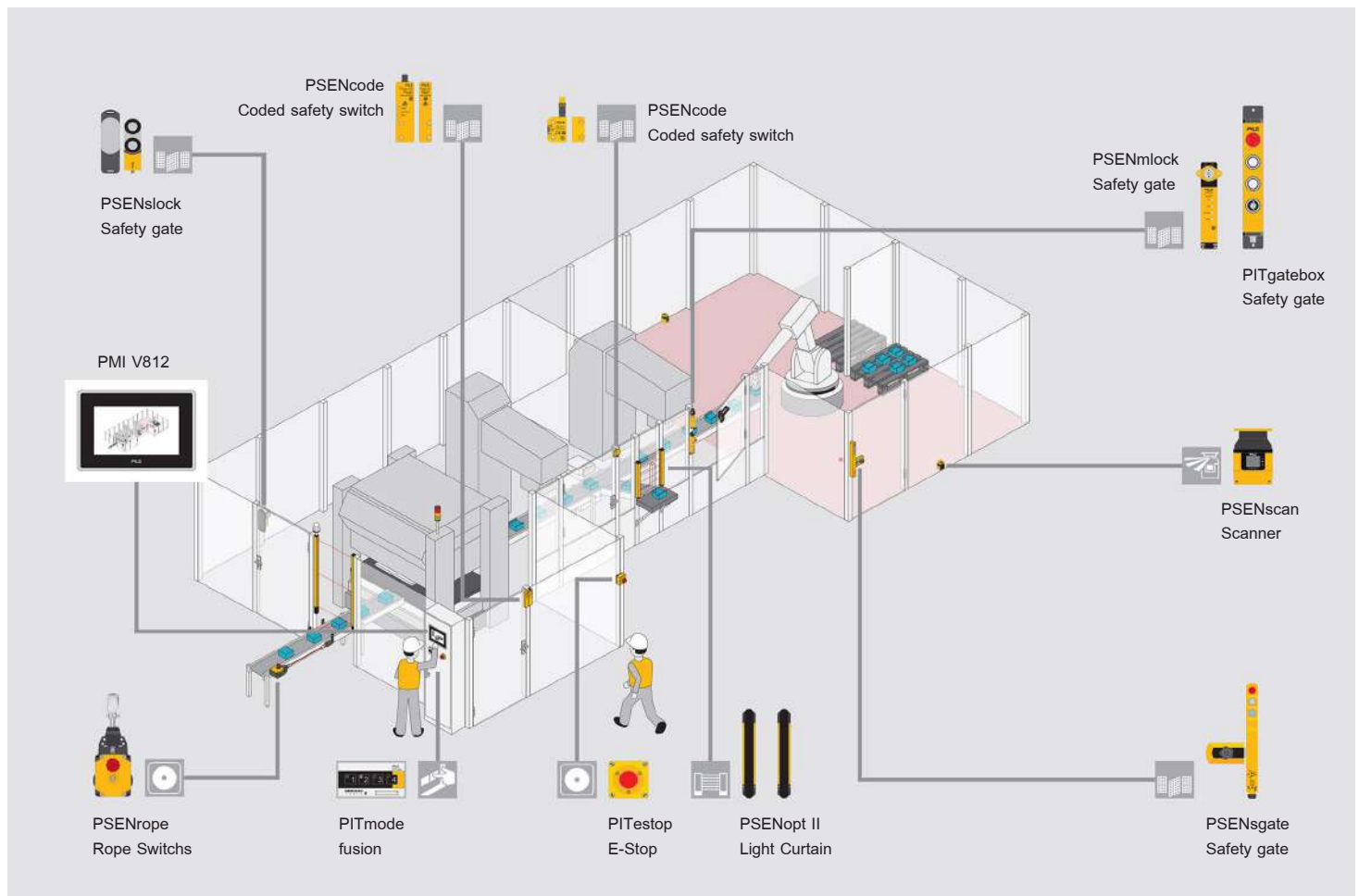


Specification of categories / subsystem types



Safety Services

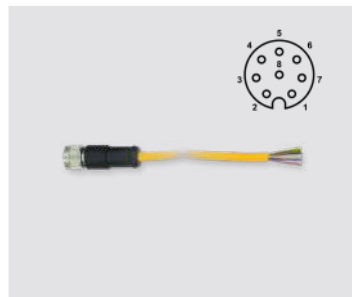




Safe sensor technology PSEN



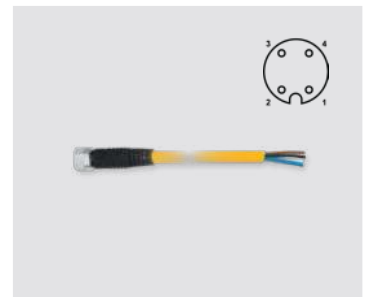
PSEN CS3.1
Coded
Connector : M12, 8-pin
Order number : 541009



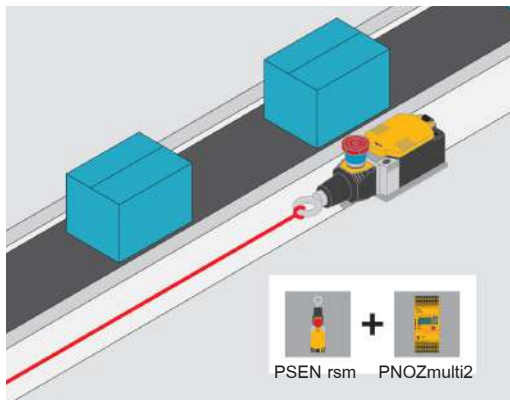
PSEN cable M12-8sf
Straight, M12, 8pin, socket
Order number : 540319(3m),
540320(5m), 540321(10m)



PSEN 1.1p-20/PSEN 1.1-20
Contact : 2NO
Distance : 8 mm
Connector : M8, 4-pin
Order number : 504220



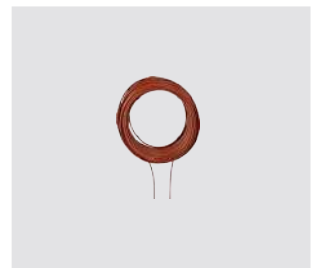
PSEN cable M8-4sf
Straightplug, M8,4-pin
Order number : 533111(2m),
533121(5m), 533131(10m),
533141(30m)



PSEN rsm 1.0-300-0-0-0
Housing material : Al die cast
Contacts : 2NC, 2NO
Order number : 570304



PSEN rs pulley flex
Block rope pulley, rotatable
Order number : 570313



PSEN rs pulley flex
Block rope pulley, rotatable
Order number : 570313



PSEN b5/me5
Mechanical bolt for safety switch
PSEN me5 with options for escape release.
Order number : 6L000023



PSEN me5S (24V AC/DC)
Spring force, บานสไลด์, บานสวิงค์
Contacts : NC.NC-NC
Connector : M12-8pin
Holding force : 1500 N
Extraction force : min. 10 N
Order number : 6L000019



PMI V807 / PMI V812
Capacitive glass touchscreen
Diagonal : 7", 12.1"
Resolution : 800 x 480 pixels(7"),
1,200 x 480 pixels(12.1")



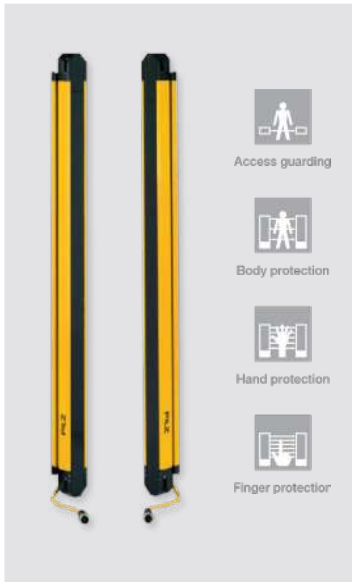
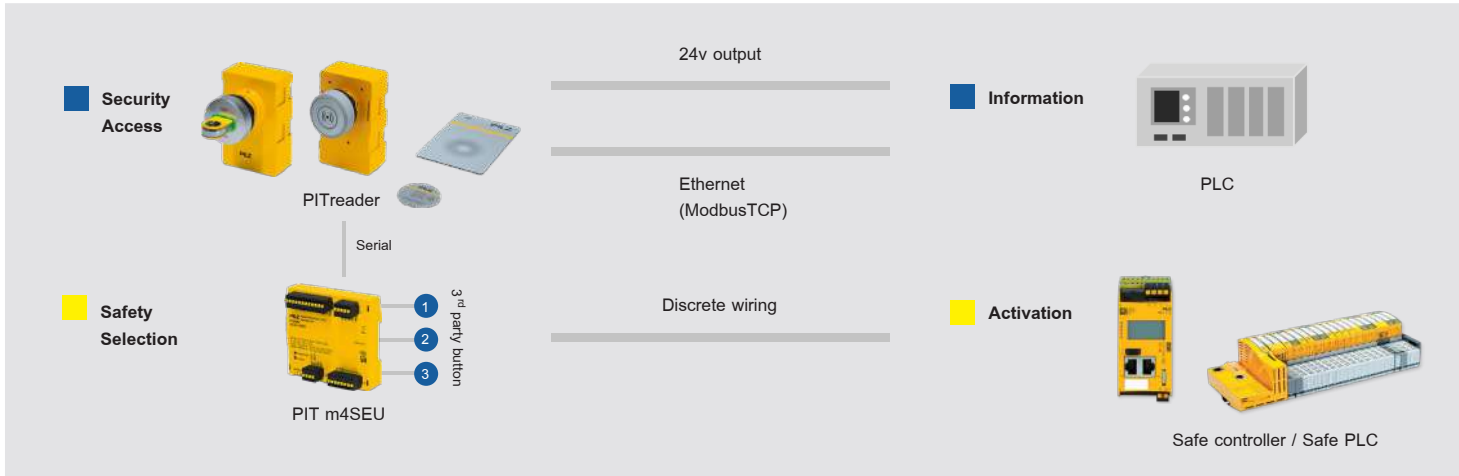
PITmode fusion
Order number : 402251
* PITreader key Page number 4



PIT es Set1s-5s
Contact : 2NC with monitoring
Order number : 400447

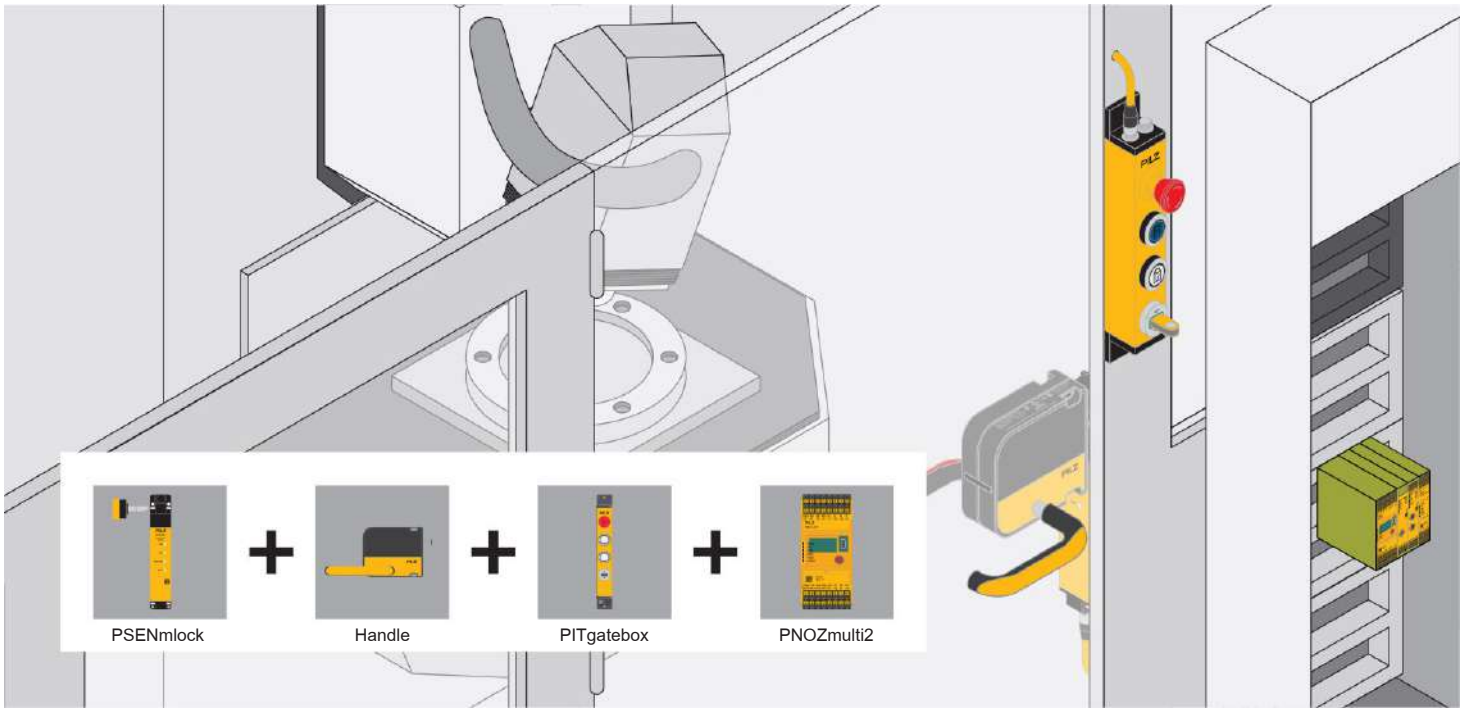


PSEN sc L 5.5 08-12
8 or 12-pin exchangeable memory module
range safety : 5.5m
Order number : 6D000013



Type code for PSENopt II PSEN opl3H-s-30-045

Product area Pilz Sensors	Approval	Resolution	Function	Resolution	Height of protected field
Operation Non-contact, optical, 2D (area monitoring) With safe semicon- ductor outputs	3 Type 3 4 Type 4	B Body protection H Hand protection F Finger protection	S Standard	14 14mm 30 30mm 170 170mm ³⁾ 300 300mm ⁴⁾	015 150mm 030 300mm 045 450mm 060 600mm 075 750mm 090 900mm 105 1050mm 120 1200mm 135 1350mm 150 1500mm 165 1650mm 180 1800mm
Connection Receiver: 1 x pigtail, M12, 5-pin Transmitter: 1 x pigtail, M12, 5-pin No dead zones (except with protected field height 150 mm)				Order number 5m 630311 10m 630312 20m 630298	



Modular safety gate system

PILZ



PSEN ml ba 1.1
coded, fully coded
Holding force : 7500 N
Connection type : M12, 8pin
Order number : 570424, 570426



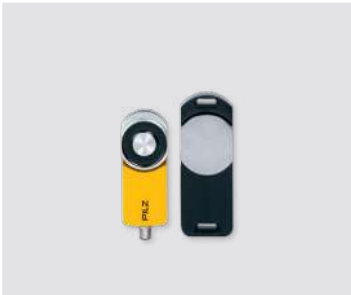
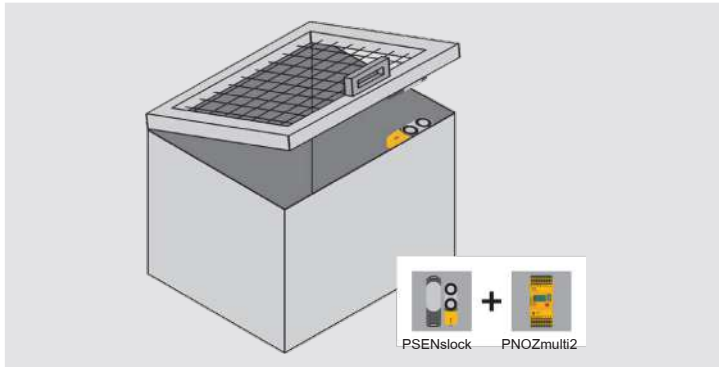
PIT gb LLE
E-STOP pushbuttons : 2NC, 1NO
Position 1,2,3 : illuminated (1NO)
Connection type : M12, 12pin
Order number : G1000001



PIT gb RLLE down ETH
E-STOP pushbuttons : 2NC, 1NO
Position 1,2 : illuminated (1NO)
Position 3 : PITreader (1NO)
Connection type : M12, 12pin
Order number : G1000021



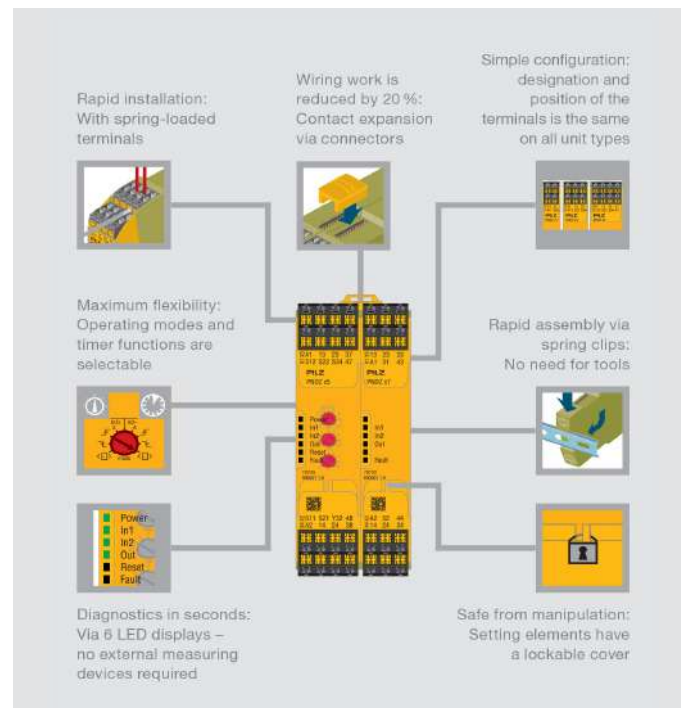
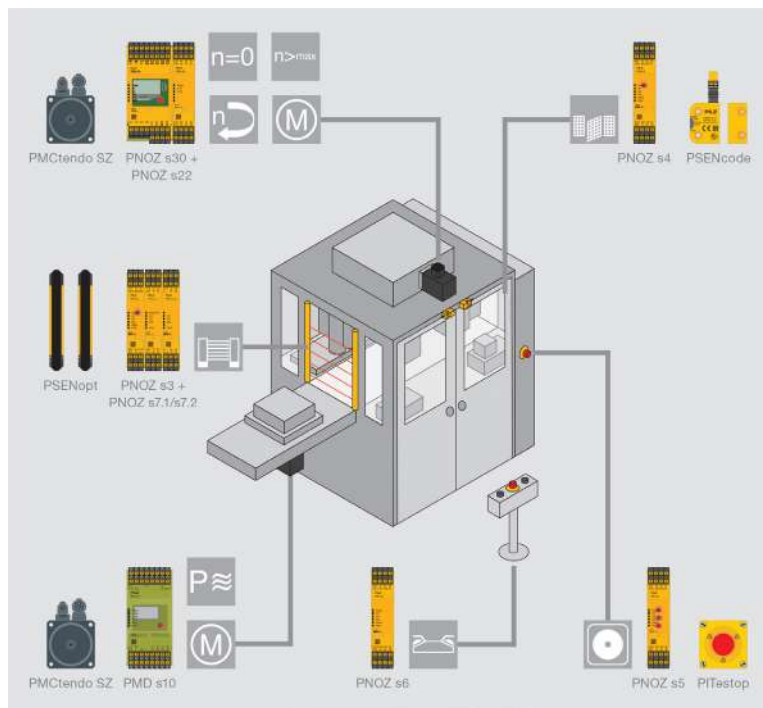
PITreader key
authorisation for operating mode 1,2,3,4,5
Material: Plastic
Order number : 402261, 402262, 402263, 402264, 402265



PSENslock
Series connection, 500 N

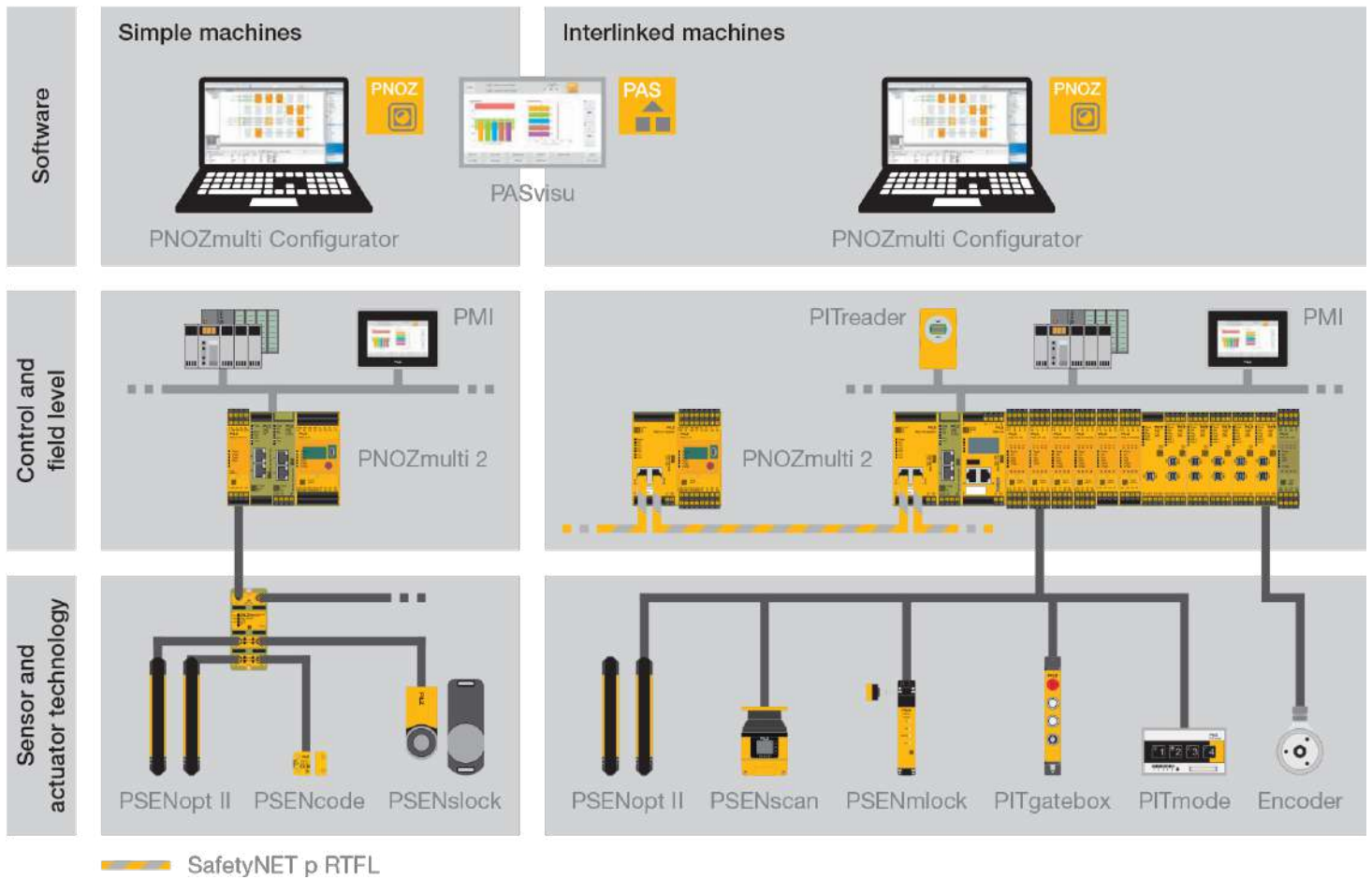


PSENslock
Series connection, 1000 N

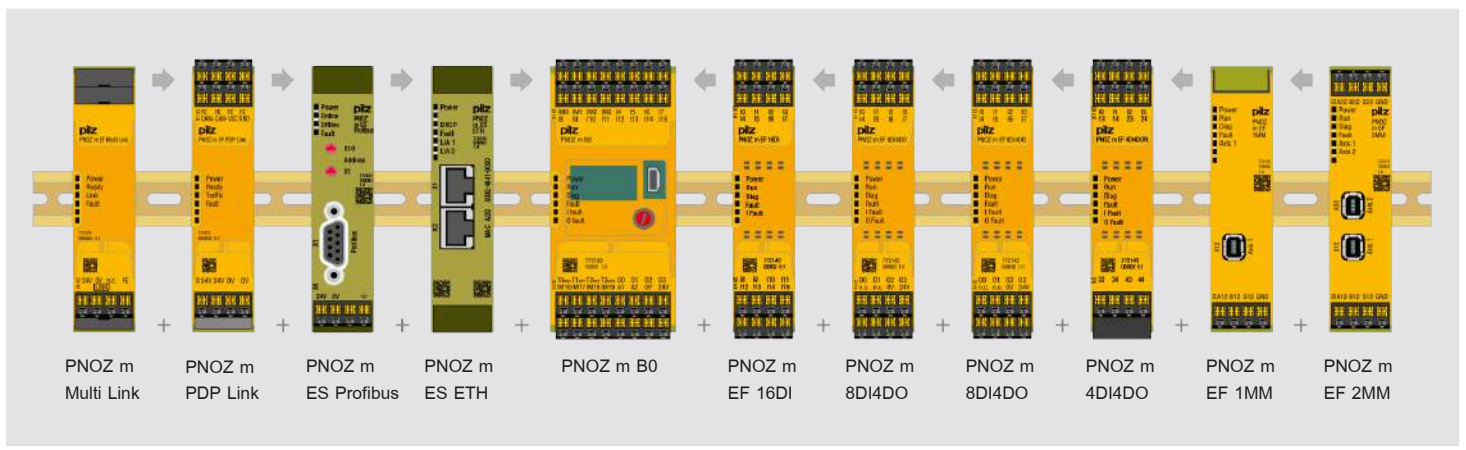


Safety relays PNOZsigma

Type	Application 	PL-EN ISO138491	(SIL) CL-with IEC62061	Output contacts		Supply Voltage (U _B)	Housing width in mm
				Safe 	Auxiliary 		
PNOZ s1	• •	c	2	2 -	- 1	24 VDC	12.5
PNOZ s2	• •	e	3	3 -	1 1	24 VDC	17.5
PNOZ s3	• • •	e	3	2 -	- 1	24 VDC	17.5
PNOZ s4	• • •	e	3	3 -	1 1	24 VDC, 48 ... 240 VAC/DC	22.5
PNOZ s4.1	• • •	e	3	3 -	1 1	24 VDC, 48 ... 240 VAC/DC	22.5
PNOZ s5	• • • •	e	3	2 2	- 1	24 VDC, 48 ... 240 VAC/DC	22.5
PNOZ s6	EN 574, Type IIIC •	e	3	3 -	1 1	24 VDC, 48 ... 240 VAC/DC	22.5
PNOZ s6.1	EN 574, Type IIIA •	c	1	3 -	1 1	24 VDC, 48 ... 240 VAC/DC	22.5
PNOZ s7	Contact expansion	e	3	4 -	1 -	24 VDC	17.5
PNOZ s7.1	Contact expansion	e	3	3 -	- -	24 VDC	17.5
PNOZ s7.2	Contact expansion	e	3	4 -	1 -	24 VDC	17.5
PNOZ s9	Contact expansion or safe timer relay •	e	3	- 3	1 -	24 VDC	17.5
PNOZ s10	Contact expansion	e	3	4 -	1 -	24 VDC	45.0
PNOZ s11	Contact expansion	e	3	8 -	1 -	24 VDC	45.0
PNOZ s22	Contact expansion for PNOZ s30 and PNOZ mm0.1p/mm0.2p	e	3	2x3 -	2x1 -	24 VDC	22.5
PNOZ s30	Speed monitor	e	3	2 -	2 4	24 VDC	45.0

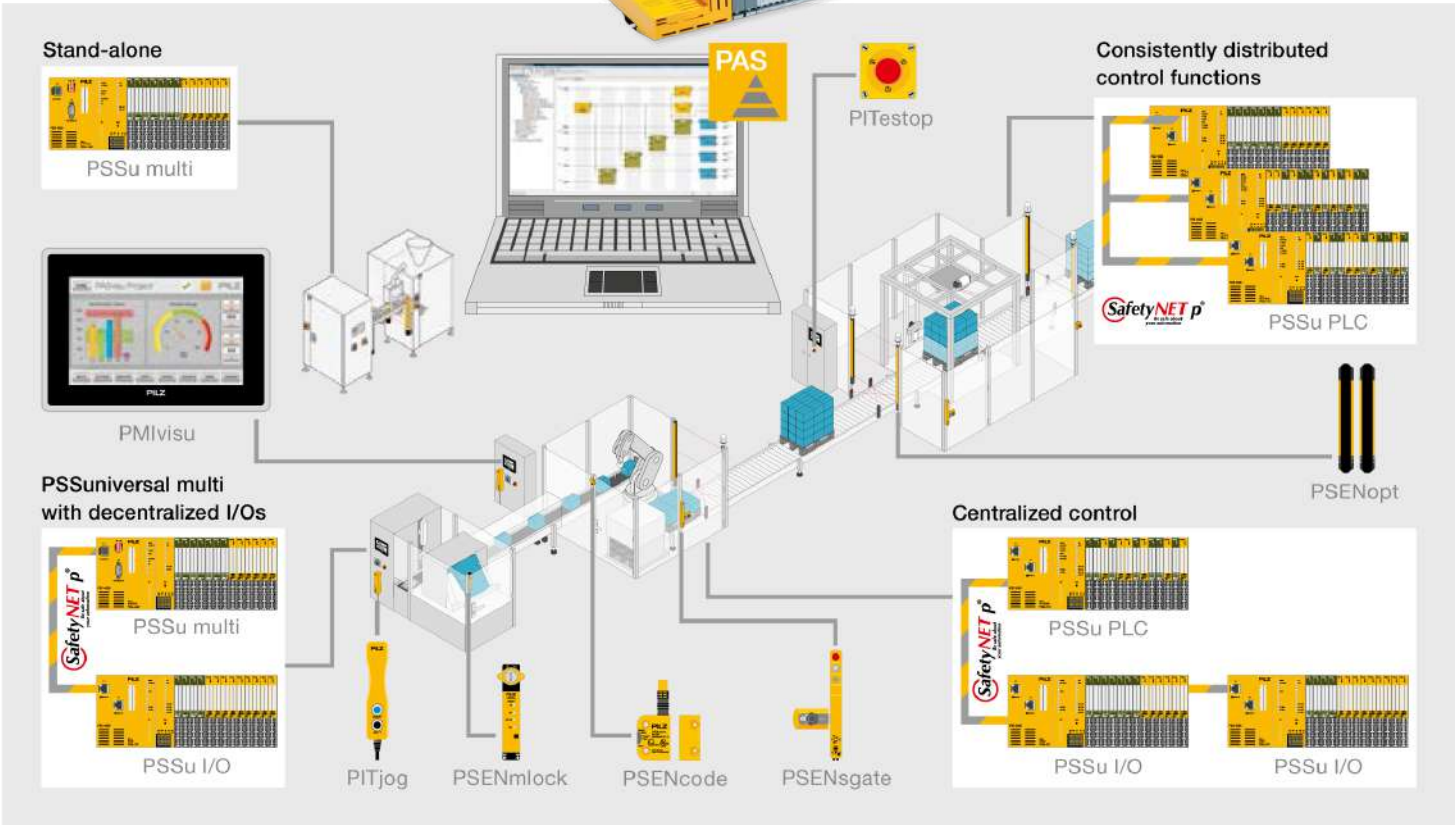


Configurable control systems PNOZmulti 2

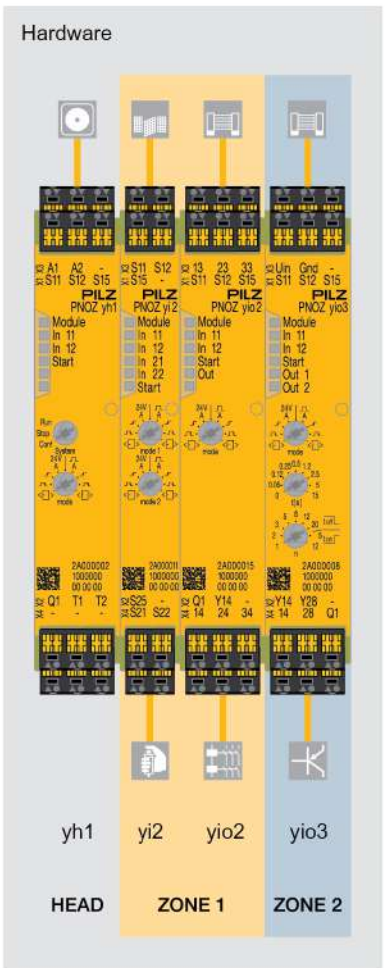
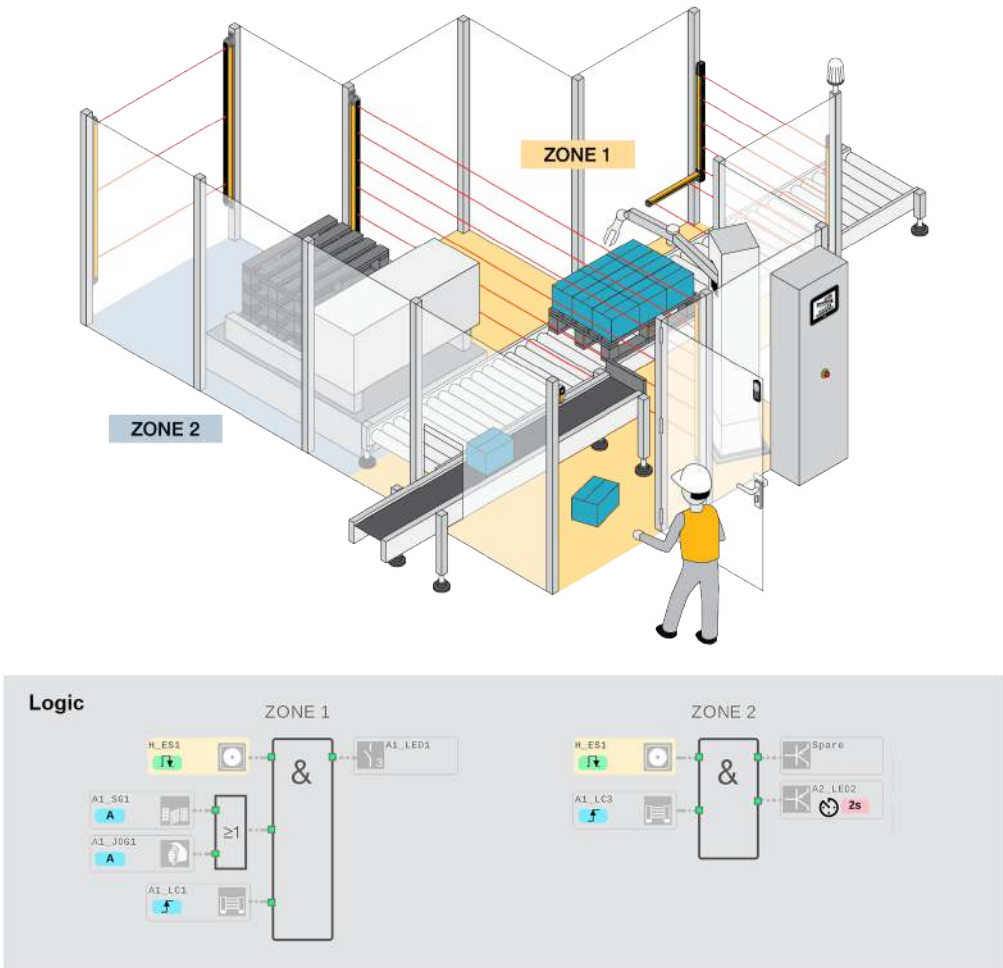


The diagram shows the transition from an obsolete PNOZmulti 2 system to a new PNOZmulti 2 system. The obsolete system is labeled 'Obsolete 2024' and the new system is labeled 'PNOZmulti 2' with a 'NEW' starburst. A red arrow points from the obsolete system to the new system.

Automation system PSS4000



myPNOZ Create your safety

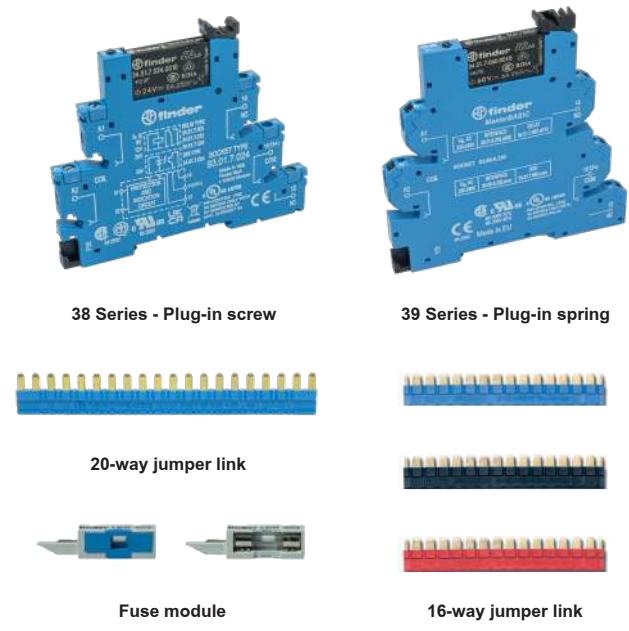




Relay Industrial

รีเลย์ Finder สำหรับงานอุตสาหกรรม หน้าคอนแทกทำจากเงิน ทนต่อการใช้งาน
ขนาดของรีเลย์บางสุดเพียง 6.2 mm กว้างดีคุณภาพระดับโลก ฐานผลิตอยู่ที่ประเทศอิตาลี รับประกันสินค้า 1 ปี

Slim relays - 38, 39 Series



38 Series - Plug-in screw

39 Series - Plug-in spring

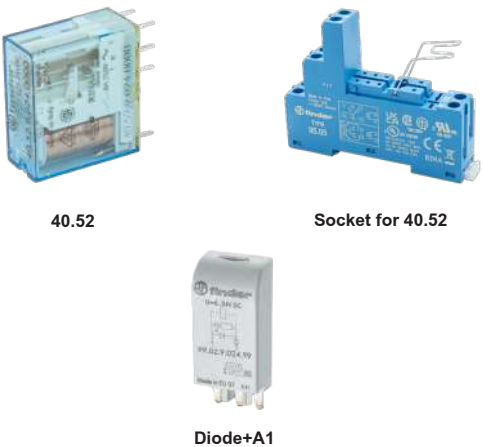
20-way jumper link

Fuse module

16-way jumper link

Article No.	Coil voltage	Contact		Width
38.51.7.024.0050	24VDC	1CO	6A	6.2 mm
38.51.3.125.0060	110...125VAC/DC	1CO	6A	6.2 mm
38.51.3.240.0060	230...240VAC	1CO	6A	6.2 mm
38.81.7.024.9024	24VDC	24VDC	2A	6.2 mm
38.81.7.024.8240	24VDC	230VAC	2A	6.2 mm
093.20 (blue)	20-way jumper link			
39.01.0.024.0060	24VAC/DC	1CO	6A	6.2 mm
093.16.1 (red)	16-way jumper link			
093.16.0 (black)	16-way jumper link			
093.16 (blue)	16-way jumper link			

Miniature PCB/Plug-in relays - 40 Series



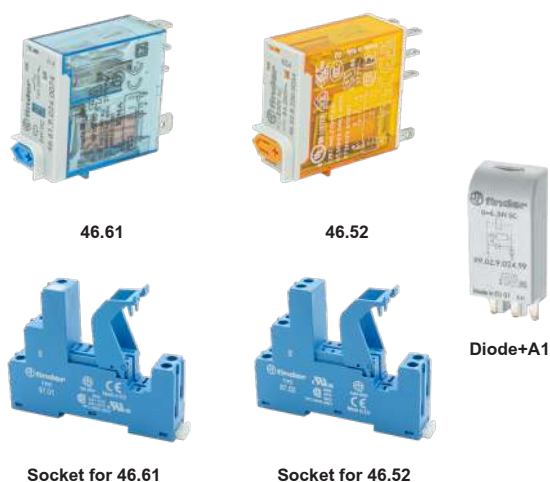
40.52

Socket for 40.52

Diode+A1

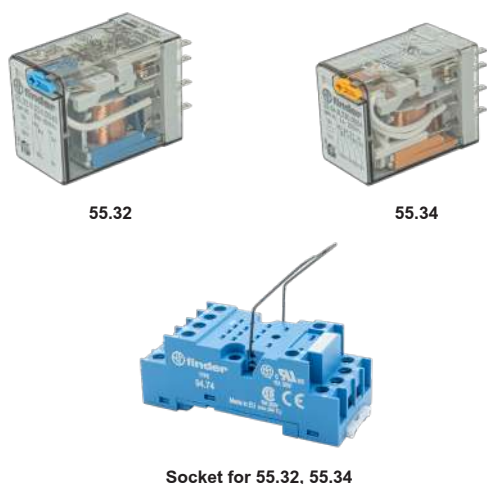
Article No.	Coil voltage	Contact	
40.31.9.024.0000	24 VDC	1CO	10A
95.03 SMA	Socket for 40.31		
40.52.9.024.0000	24 VDC	2CO	8A
40.52.8.230.0000	230 VAC	2CO	8A
95.05 SMA	Socket for 40.52		
99.02.0.230.98	LED+Varistor 230 VAC		
99.02.9.024.99	LED+Diode 24 VDC		
99.02.3.000.00	Diode+A1		

Miniature industrial relays - 46 Series



Article No.	Coil voltage	Contact		LED
46.61.9.024.0074	24 VDC	1CO	16A	.
46.61.8.230.0054	230 VAC	1CO	16A	.
97.01 SPA	Socket for 46.61			
46.52.9.024.0074	24VDC	2CO	8A	.
46.52.8.230.0054	230VAC	2CO	8A	.
97.02 SPA	Socket for 46.52			
99.02.3.000.00	Diode+A1			

General purpose relays - 55 Series



Article No.	Coil voltage	Contact		LED
55.32.9.024.0094	24 VDC	2CO	10A	.
55.32.8.230.0054	230 VAC	2CO	10A	.
55.34.9.024.0094	24 VDC	4CO	7A	.
55.34.9.125.0094	125 VAC	4CO	7A	.
55.34.9.220.0094	220 VDC	4CO	7A	.
55.34.8.230.0054	230 VAC	4CO	7A	.
94.74 SMA	Socket for 55.32, 55.34			

OPTA - 8A Series

Programmable Logic Relays (PLRs) with 8 input and 4 output relays



- Advanced version
- USB Port
- RJ45 Port for ETH and Modbus TCP/IP
- Modbus RS485 Port
- Wi-Fi/BLE internal module



Modular timers - 80, 83 Series



80.01.0.240.0000

Multi-function

Coil voltage: 12-240

VAC/DC

Contact : 1CO, 16A

Width : 17.5 mm



80.11.0.240.0000

On-delay

Coil voltage: 24-240

VAC/DC

Contact : 1CO, 16A

Width : 17.5 mm



83.02.0.240.0000

Multi-function

Coil voltage: 24-240

VAC/DC

Contact : 2CO, 16A

Width : 22.5 mm

Time switches - 12 Series



Types 12.61 and 12.62 are suitable for load control at specific times and for specific days of the week.

Applications: Irrigation systems, heating and cooling plant, shops, illuminated signs, access (door) control.

Modbus Power Analyzer Products - 6M Series



Energy meters - 7M Series



Monitoring relay - 70 Series



70.11.8.230.2022

Single Phase (220...240V)

- Window mode (overvoltage +undervoltage)
- Voltage fault memory selectable



70.42.8.400.2032

Three-phase (380...415V, with neutral)

- Window mode (overvoltage +undervoltage)
- Voltage fault memory selectable
- Phase loss
- Phase rotation
- Asymmetry
- Neutral loss

Modular contactors - 22 Series



Article No.	Coil voltage	Contact
22.32.0.230.4340	230 VAC/DC	2NO, 25A
22.32.0.230.4540	230 VAC/DC	1NO+1NC, 25A
22.32.0.024.4340	24 VAC/DC	2NO, 25A

Thermostats - 7T Series



7T.81.0.000.2401

1 NC

Direct switching of heater loads up to 2500VA



7T.81.0.000.2301

1 NO

Direct switching of fans up to 130W



7T.51.0.230.4360

1 NO

Multifunction panel
Thermo-Hygrostat

7S Series

Relay module with forcibly guided contacts for application up to SIL2, SIL3



7S.36.9.024.5420

- 6 pole (4 NO + 2 NC)
- Nominal voltage : 110...125 - 230...240 VAC
12 - 24 - 110 VDC



7S.63.9.024.0211

- 3 pole (2 NO + 1 NC)
- 1 auxiliary contact
- Nominal voltage : 12 - 24 - 48 - 110



Modular step relays - 13, 20 Series



20.21

- Single phase switch
1 NO

Type	Number of steps	Sequence
20.21	2	1 2



20.23

- Double phase switch
1NO+1NC

Type	Number of steps	Sequence
20.23	2	1 2



13.81

- 1 NO
- 17.5 mm wide
- Longer mechanical and electrical life, and much quieter than electromechanical step relays

สำหรับโหลดที่เป็นมอเตอร์



20.xx.x.xxx.0000

สำหรับโหลดที่เป็นไฟต่อสว่าง



20.xx.x.xxx.4000

Modular solid state relay - 77 Series



77.01



77.31



77.25

Article No.	Coil voltage	Output Voltage	Output Current
77.01.9.024.9024	(4...36) VDC	(16...32) VDC	15 A
77.31.9.024.8070	(4...32) VDC	(48...480) VAC	30 A
77.25.9.024.8250	(3...32) VDC	(21.6...280) VAC	25 A
77.45.9.024.8250	(3...32) VDC	(21.6...280) VAC	40 A
77.55.9.024.8250	(3...32) VDC	(21.6...280) VAC	50 A

NEW PRODUCT

DIMENSION

IO-Link
960W, 3-phase



Save time
Plug-and-Play installation



Save costs
preventative maintenance



Improve customer service
speed up fault analysis

IO-Link: Benefits and integration

Persistent

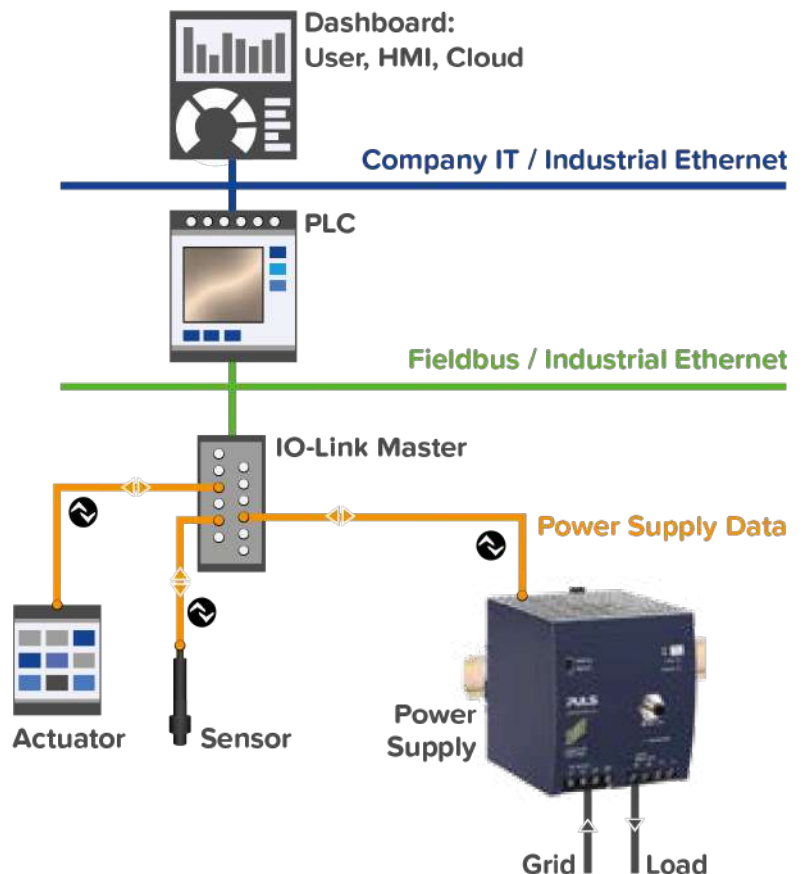
The configuration data of the power supply is saved by the IO-Link Master, making replacements easier and faster.

Flexible

Adaptation to various fieldbus systems is possible because the IO-Link Master operates as a flexible interface between protocol levels.

Reliable

Stable data transmission at all times because the IO-Link module is powered by the communication line.



NEW PRODUCT



PISA-B gives you more of everything.
Except effort.

PISA-B is the most efficient electronic circuit breaker (ECB). It distributes the current, protects your loads from over-current or short-circuits and monitors the operating status in DC 24V systems.

The 8-channel programmable capability can identify and isolate individual faulty branches. It shuts down the affected channels only and secures the constant power supply of the remaining loads.

PISA-B.

The next generation of electronic circuit breakers.



Protect



Inform



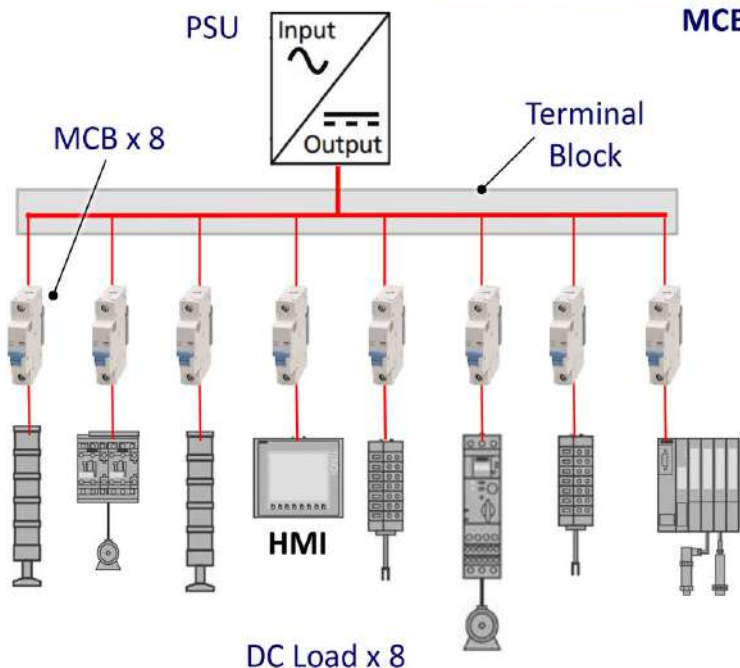
Secure



Assist

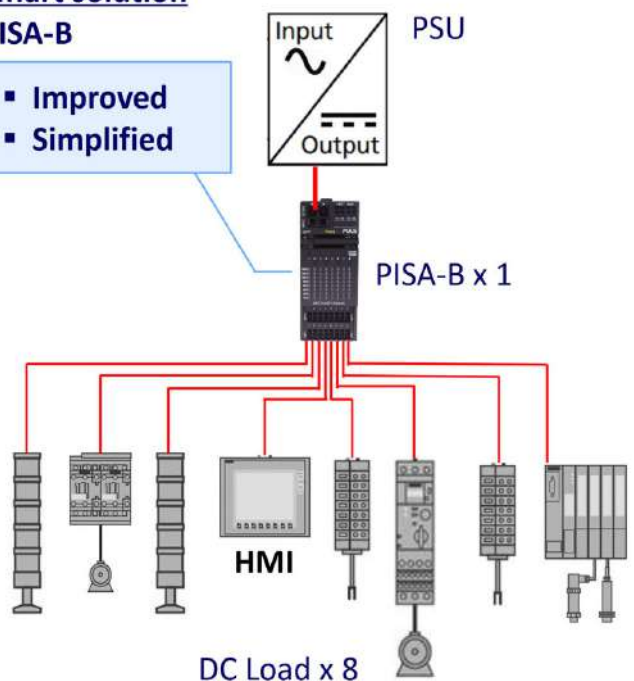
8 Channels in One Body

Conventional solution
MCB



Smart solution
PISA-B

- Improved
- Simplified





DIN rail power supplies

พาวเวอร์ซัพพลาย PULS จะมีทั้งรุ่นที่เป็น Single phase และ Three phase มีแอมป์สูงสุดที่ 40 แอมป์ มีมาตรฐานรองรับ สามารถเข้าได้กับทุกงานอุตสาหกรรม ไม่ว่าจะเป็นงานเอกชน หรืองานราชการ และรับประกันสินค้า 3 ปี



MiniLine Series - Single phase

Article No.	DC output		Range	Power	Input	Efficiency	Dimensions WxHxD (mm)		
ML30.241	24V	1.3A	24-28vdc	30W	AC100-240V	89.4%	22.5	75	91
ML60.241	24V	2.5A	24-28vdc	60W	AC100-240V	89.7%	45	75	91



PIANO Series - Single phase

Article No.	DC output		Range	Power	Input	Efficiency	Dimensions WxHxD (mm)		
PIM36.241	24V	1.5A	24-28vdc	36W	AC100-240V	90.6%	22.5	90	91
PIM60.241	24V	2.5A	24-28vdc	60W	AC100-240V	91.8%	36	90	91
PIM90.241	24V	3.8A	24-28vdc	90W	AC100-240V	93.8%	36	90	91
PIC120.241C	24V	5A	24-28vdc	120W	AC200-240V	90.5%	39	124	124
PIC240.241C	24V	10A	24-28vdc	240W	AC200-240V	91.4%	49	124	124
PIC480.241C	24V	20A	24-28vdc	480W	AC200-240V	95.7%	49	124	124



DIMENSION Series - Single-phase

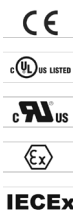
Article No.	DC output		Range	Power	Input	Efficiency	Dimensions WxHxD (mm)		
CP5.241	24V	5A	24-28vdc	120W	AC100-240V	94.3%	32	124	102
CP10.241	24V	10A	24-28vdc	240W	AC100-240V	95.2%	39	124	117
CP20.241	24V	20A	24-28vdc	480W	AC100-240V	95.6%	48	124	127
QS40.244	24V	40A	24-28vdc	960W	AC200-240V	94.6%	125	124	127

DIMENSION Series - Three phase



Article No.	DC output		Range	Power	Input	Efficiency	Dimensions WxHxD (mm)		
CT10.241	24V	10A	24-28vdc	240W	AC380-480V	92.9%	62	124	117
QT20.241	24V	20A	24-28vdc	480W	AC380-480V	94.8%	65	124	127
QT40.241	24V	40A	24-28vdc	960W	AC380-480V	95.3%	110	124	124

DC-UPS



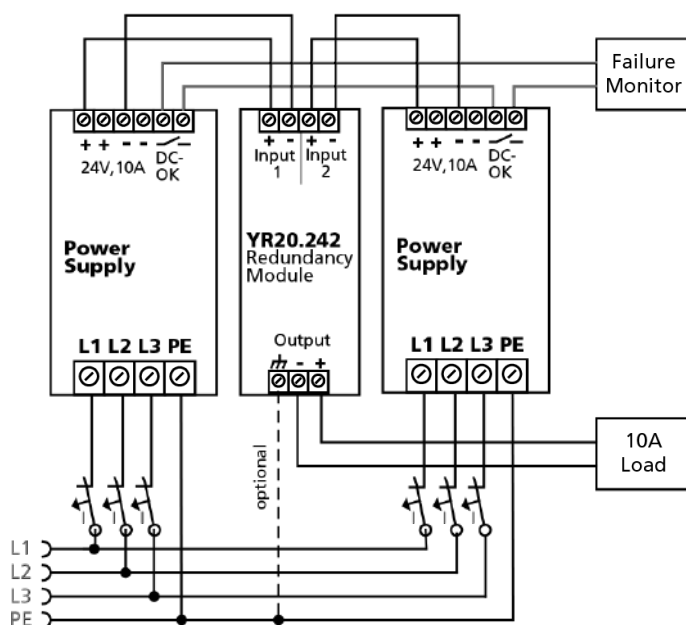
Article No.	DC output		Input	Dimensions WxHxD (mm)			Special feature
UBC10.241	24V	10A	DC 24V	123	124	119	battery included
UB20.241	24V	20A	DC 24V	46	124	127	for battery sizes from 3.9Ah to 150Ah
UB40.241	24V	40A	DC 24V (±25%)	46	124	127	for battery sizes from 12Ah to 200Ah

Redundancy Modules



Article No.	DC output		Input	Dimensions WxHxD (mm)			Special feature
PIRD20.241	12-24V	20A	DC 12-28V	39	124	124	2x10A; DC-OK relay contact
YR20.242	12-28V	20A	DC 12-28V	32	124	117	2x10A input
YR40.242	12-28V	40A	DC 12-28V	36	124	127	2x20A input
YR80.242	12-28V	80A	DC 12-28V	46	124	127	2x40A input

Wiring diagram, 1+1 Redundancy, 10A output current



Thermal Management

Filter Fans

พัดลมระบายความร้อนสำหรับติดกับตู้ควบคุมไฟฟ้า ตู้ควบคุมเครื่องจักร และอื่น ๆ เป็นต้น ซึ่งจะประกอบด้วยตัวพัดลม ตะแกรง ฝาครอบ หน้ากากด้านหน้า และฟิลเตอร์สำหรับกรองฝุ่นละอองพัดลม สามารถปรับให้ดูตออกได้ ทำจากวัสดุที่มีประสิทธิภาพ ทนต่อความร้อน และไม่ติดไฟ



PFB

หน้ากาก + ฟิลเตอร์ + พัดลม

Type	Airflow IP54/55	Rated voltage	Dimension (HxW)
PFB 11.000	23 / – m³/h	230 VAC	92 x 92 mm
PFB 22.000	57 / – m³/h	230 VAC	125 x 125 mm
PFB 42.500	130 / – m³/h	230 VAC	223 x 223 mm
PFB 43.000	240 / – m³/h	230 VAC	223 x 223 mm
PFB 65.000SL	500 / – m³/h	230 VAC	291 x 291 mm



PFBA

หน้ากาก + ฟิลเตอร์

Type	Dimension (HxW)
PFBA 10.000	92 x 92 mm
PFBA 20.000	125 x 125 mm
PFBA 30.000	177 x 177 mm
PFBA 60.000	291 x 291 mm

Cooling Units

เครื่องปรับอากาศควบคุมอุณหภูมิ ถูกออกแบบมาเพื่อควบคุมอุณหภูมิ และความชื้นภายในตู้ควบคุมไฟฟ้าอิเล็กทรอนิกส์ให้เหมาะสม ส่งผลให้อุปกรณ์ภายในตู้คอนโทรลมีอายุการใช้งานที่ยาวนานขึ้น



tool-less filter mat
changing



IP54
protection
system



top EER /
energy saving



large distance
in/out no hot
spots



service friendly

INDOOR COOLING UNITS

500-2500 W



Type	Cooling performance	Rated voltage	Dimensions (HxWxD)
DTS 8031E	500 W	230 / 400 V 2~	670 x 325 x 200 mm
DTS 8241E	1,000 W	230 / 400 V 2~	1350 x 400 x 200 mm
DTS 8341E	1.5 kW	230 / 400 V 2~	1350 x 400 x 200 mm
DTS 8441E	2.0 kW	230 / 400 V 2~	1350 x 400 x 230 mm
DTS 8541E	2.5 kW	230 / 400 V 2~	1350 x 400 x 230 mm



Thermostats



Hygrostats

Thermostats / Hygrostats

Type	Type of contact	Suitable for the operation of
FLZ 520 (Thermostats)	NC with spring contact	heater
FLZ 530 (Thermostats)	NO with spring contact	fan
FLZ 600 (Hygrostats)	Changeover with spring contact	fan and heater
FLZ 610 (Hygrostats)	Changeover / relay	



PRH 010 - 030-M



FLH 045 - 400

Radiant Heaters

Model	PRH 010-M	PRH 020-M	PRH 030-M	FLH 045	FLH 060	FLH 075	FLH 100	FLH 150	FLH 250	FLH 400
Heater power / Temperature range	10 W	20 W	30 W	45 W	60 W	75 W	100 W	150 W	250 W	400 W
Type of mounting	snap fastening for 35 mm profile bars									



Explosion safety.

This follows and is in accordance with ATEX directives 94/9/EU and 1999/92/EU.

Zone 0/20

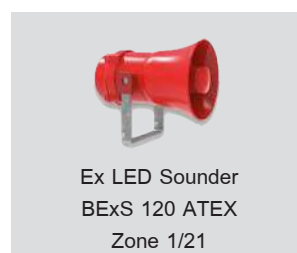
An explosive atmosphere exists frequently or constantly.

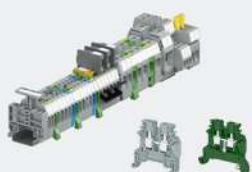
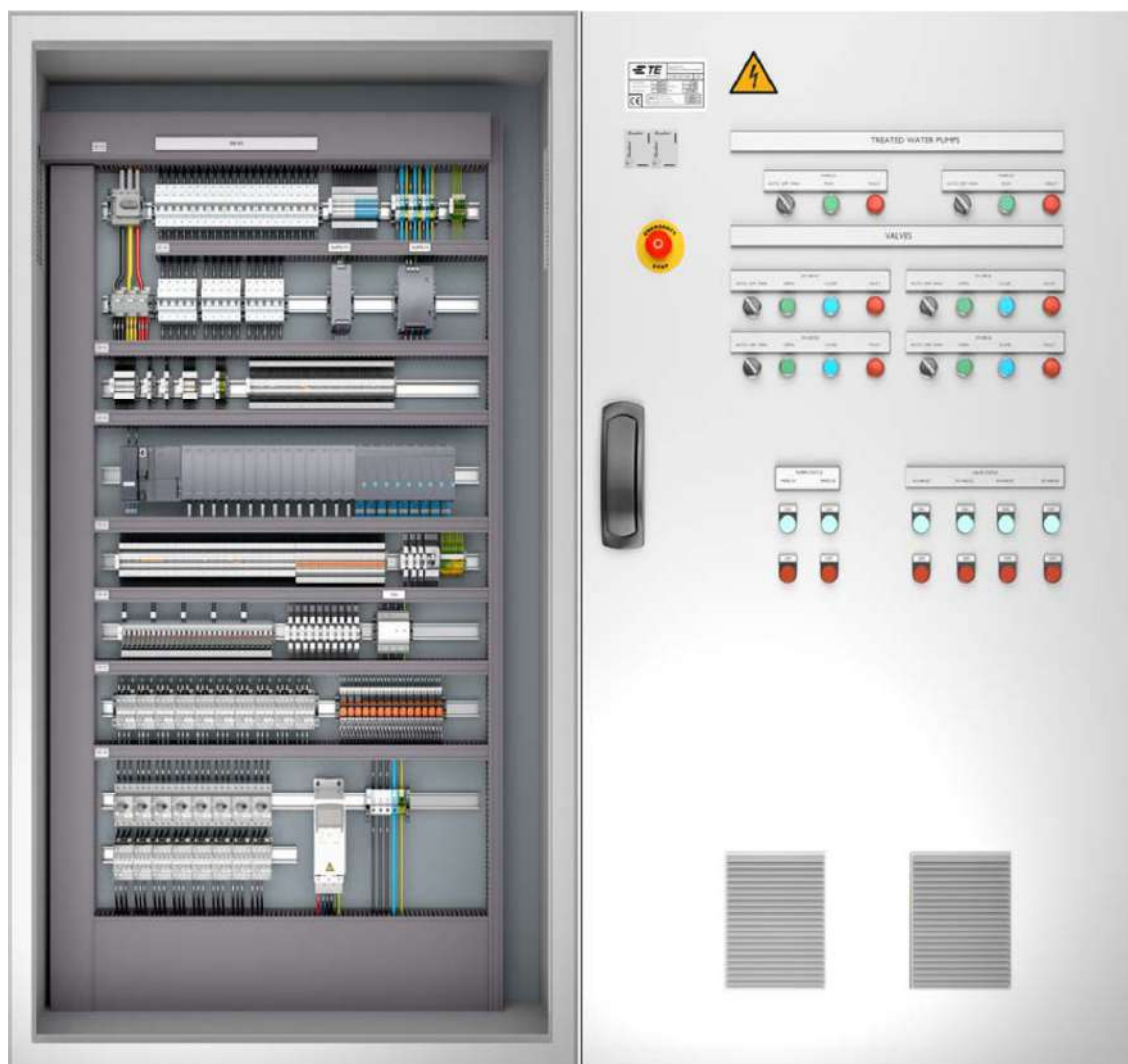
Zone 1/21

An explosive atmosphere occurs occasionally.

Zone 2/22

An explosive atmosphere occurs only rarely and only for a short time.





ENTRELEC
TERMINAL BLOCKS



COMPACT
POWER BLOCKS



DBL POWER
DISTRIBUTION BLOCKS



DBLK POWER
DISTRIBUTION BLOCKS



ESSAILEC
TEST BLOCKS



INSULATED WIRE
END FERRULES



WIRING DUCT
PVC & HALOGEN FREE



M8/M12/RJ45
CONNECTORS

DBL Power Distribution Blocks

Single pole					Solar	Three poles	Flat conductor	2 inputs / 2 outputs
DBL80 7 connections	DBL125 8 connections	DBL160 8 connections	DBL175 12 connections	DBL250 et DBL400 12 connections	DBL400-PV 14 connections	DBL125-3 et DBL175-C-3 8x3 connections	DBL250-F et DBL500-F 7 et 12 connections	DBL500-22 4 connections

DBLK Power Distribution Blocks

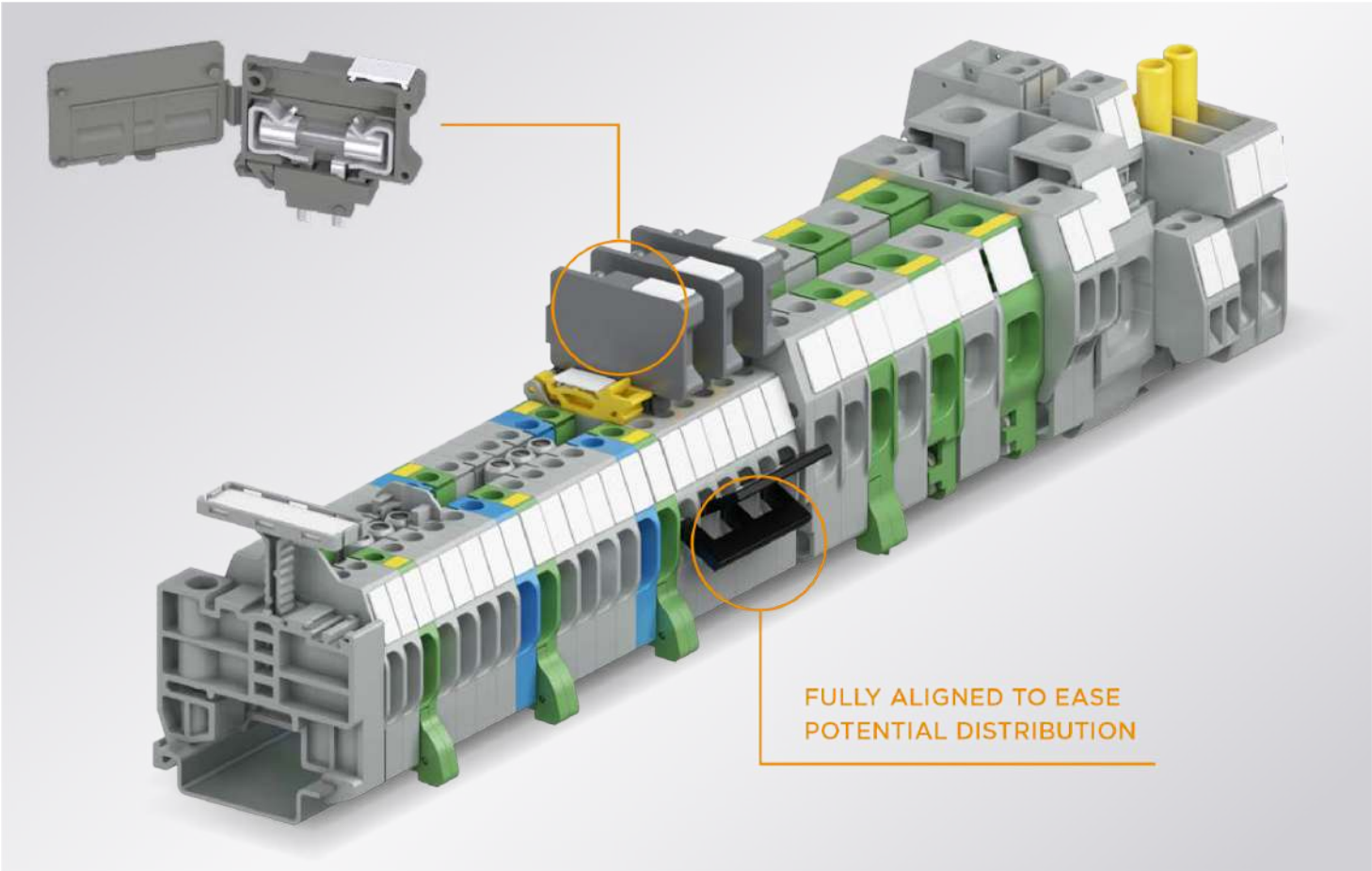
 80 mm 60 mm (Height on rail 40 mm)	 148 mm 60 mm (Height on rail 40 mm)	 98 mm 78 mm (Height on rail 47 mm)
DBLK76-7	DBLK76-15	DBLK125-16-2R

TE / Entelec

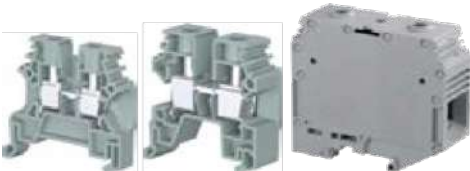
Compact Power Blocks

 50 mm², Single pole mm ² / AWG : 4-35 / 12-2 	 50 mm², Double pole mm ² / AWG : 6-50 / 10-0
 95 mm², Single pole mm ² / AWG : 10-70 / 8-00 	 95 mm², Double pole mm ² / AWG : 16-95 / 6-000
 185 mm², Single pole mm ² / AWG : 35-150 / 00-300 Kcmil mm ² / AWG : 95-185 / 000-350 Kcmil 	 185 mm², Double pole mm ² / AWG : 50-240 / 250-500 Kcmil mm ² / AWG : 150-300 / 300-600 Kcmil

SNACompact terminal blocks



Screw clamp technology



Feed-through



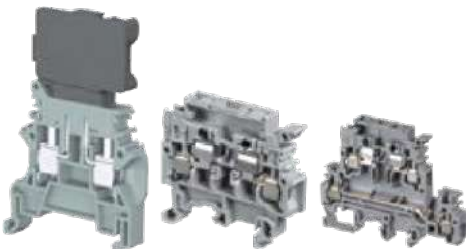
Ground



Disconnect with blade



Test and Measurement



For 5 x 20 mm fuses

SNK PI-Spring terminal blocks

2 Connections

Single deck
Feed-through
Ground
Disconnect
Fuse
Solar : 1500 VDC

NEW

3 Connections

Single deck
Feed-through
Ground
Solar: 1500 VDC

NEW

4 Connections

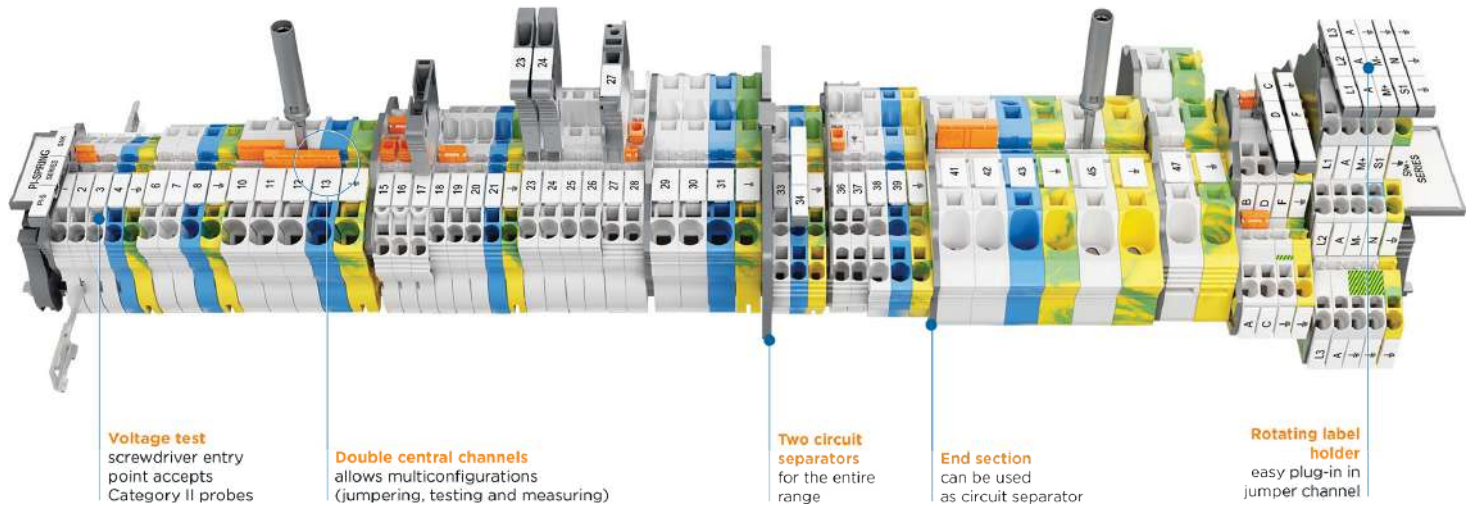
Single deck
Feed-through
Ground
Disconnect
Component holder

2x2 Connections

Double deck
Feed-through
Ground
Component holder

3x2 Connections

Triple deck
Feed-through
Ground



SNK Screw terminal blocks

2 Connections

Single deck
Feed-through
Ground
Disconnect
Fuse

3 Connections

Single deck
Feed-through
Ground

4 Connections

Single deck
Feed-through
Ground
Disconnect

2x2 Connections

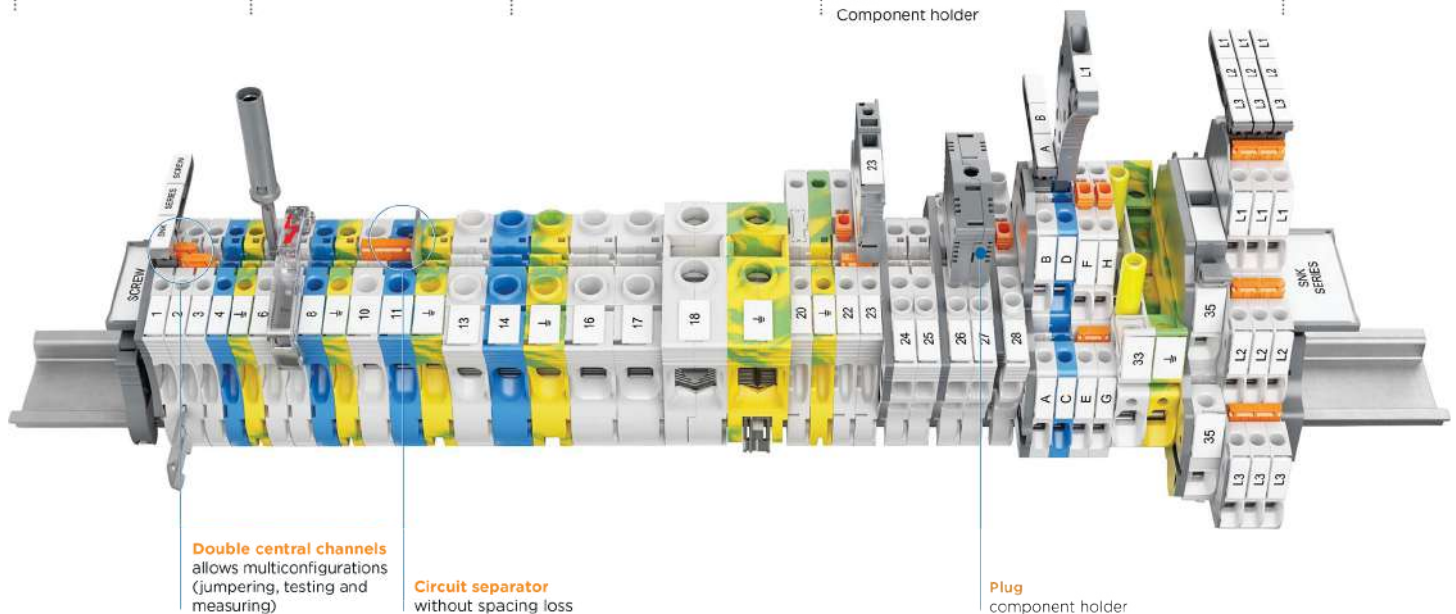
Double deck
Feed-through
Ground
Disconnect
Fuse
Component holder

2 Connections

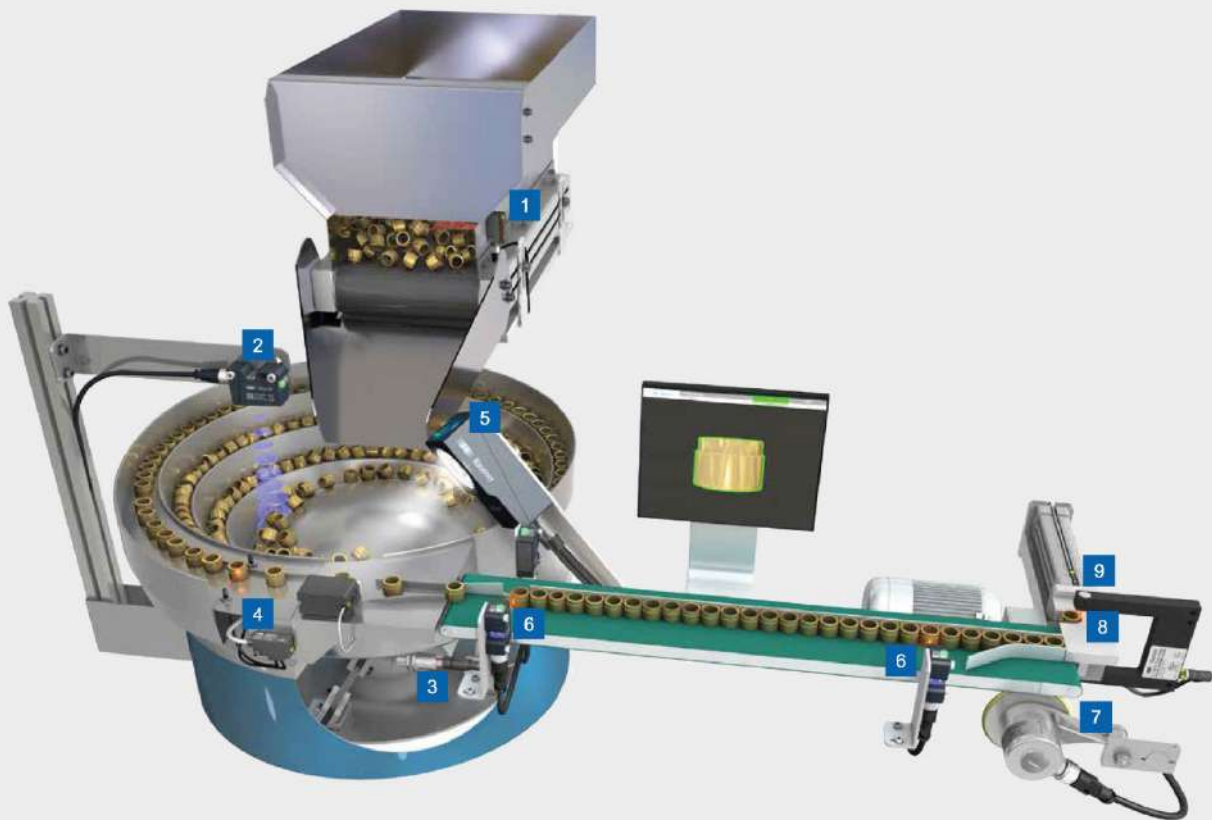
Test and measurement
Feed-through
Ground
Disconnect

3x2 Connections

Triple deck
Feed-through



Application



application-optimized sensor solutions.

Product overview



Laser sensors



Ultrasonic sensors



Inductive proximity sensors



Fiber optic sensors



Smart vision sensors



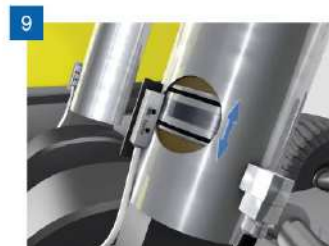
Photoelectric sensors



Encoder



Fork sensors



Magnetic proximity sensors

Application



Flow



Liquid analysis



Level



Pressure



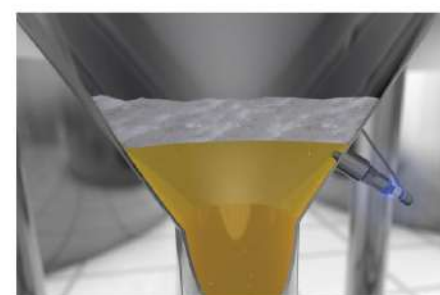
Hydrostatic



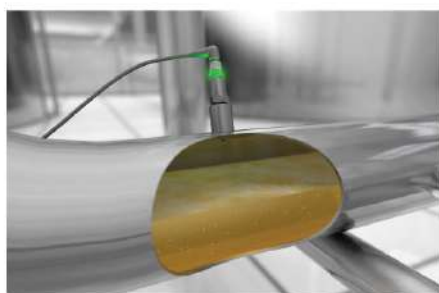
Volumetric measurement applications



Continuous hydrostatic level measurement



Foam and separating layer detection



Dry-run protection for pumps



Robust KingCrown process

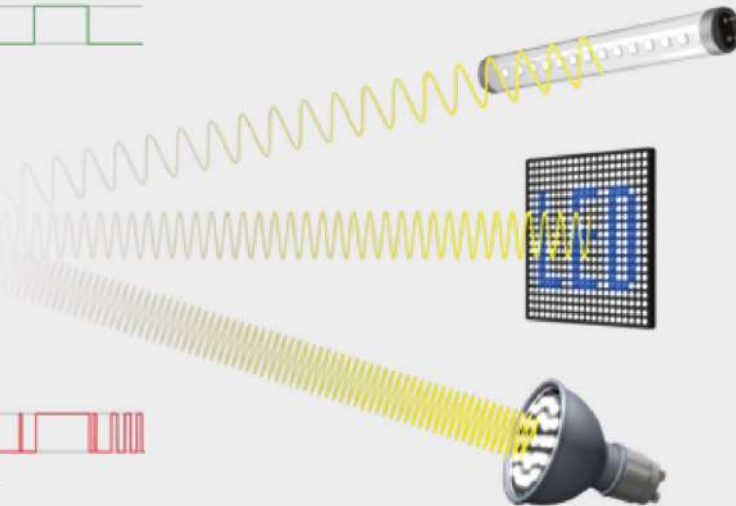


Unaffected by LED light and reflection

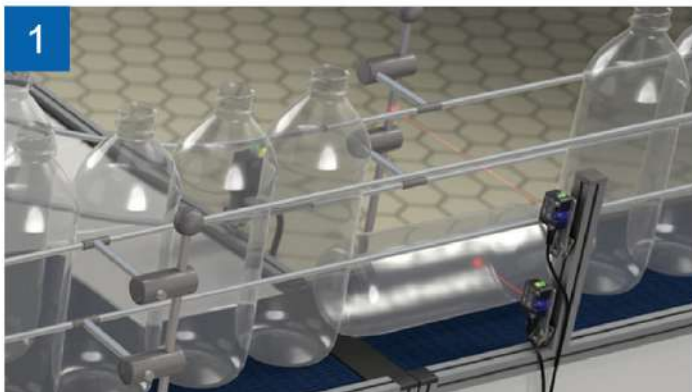
Output signal Baumer



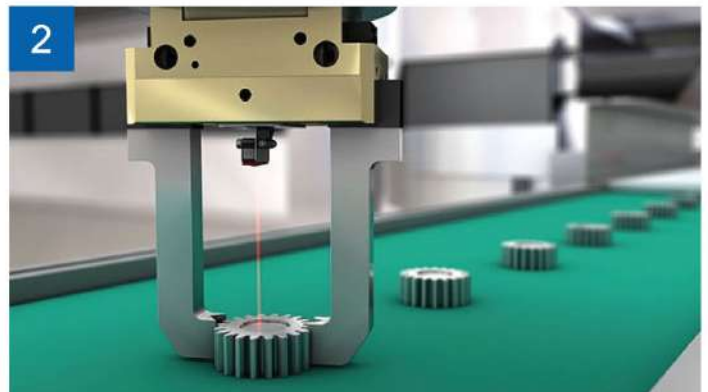
Output signal of comparable sensors



Application



SmartReflect - The light barrier without reflector



Part presence detection



Retro-reflective for transparent objects



SmartReflec
Transparent



Miniature Laser
sensors



Retro-reflective



Ultrasonic sensors

U500 and UR18

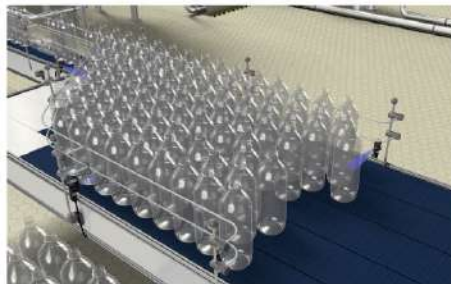
- Highest process reliability due to hermetically sealed sensor element
- IO-Link functionality for flexible parameterization
- Short blind range of 20 mm with a sensing distance up to 1500 mm

Large sensing distances

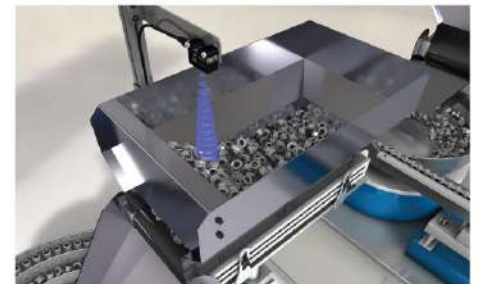
- Available with 2 independent switching outputs
- Sensing distances up to 6000 mm



Double sheet detection



Object detection in demanding environments



Level measurement in containers

IO-Link Master



Easy sensor connection

USB-C IO-Link Master

- Fast and easy connection of IO-Link devices to a PC and the Baumer Sensor Suite
- Compact IO-Link master perfectly ideal for testing and selection of IO-Link devices
- Future-oriented data interface and power supply via USB-C



IO-Link Master PROFINET

- Field device with IP67
- 8 ports for integrating the sensors for IO-Link communication or digital I/O
- 2 PROFINET interfaces
- Supports Modbus TCP and OPC UA



EIL580P

Industry incremental – 58 mm

- Shaft $\varnothing 4 \dots 10$ mm and hollow shaft $\varnothing 8 \dots 15$ mm
- Clamping flange, servo flange or square flange
- Blind or through hollow shaft
- Parameterization: Pulses per revolution 1 ... 65 536, output level HTL / TTL, signal sequence and zero pulse
- Programming with PC software or handheld device



Intuitive programming with web browser



Many programmable encoder features with PC software



Easy programming by handheld tool

Incremental HeavyDuty encoders



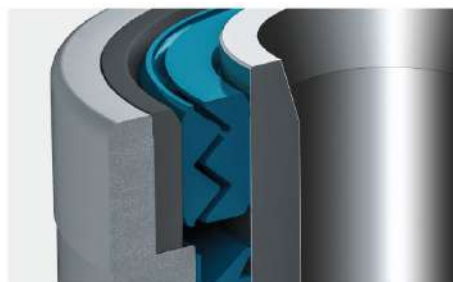
POG10

Design 115 mm – solid shaft with EURO flange B10

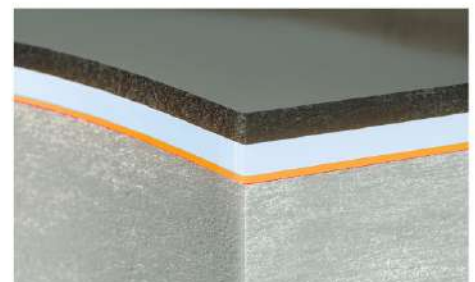
- Solid shaft $\varnothing 11$ mm with EURO flange B10
- 300 ... 5000 ppr
- Operating speed up to 12 000 rpm
- Operating temperature $-50 \dots +100$ °C
- Variants with housing base B3



Durable double-sided bearing setup



Long-term stable sealing concept



Outstanding, sea water resistant corrosion protection

podis® 5G6

POWER DISTRIBUTION

The flexible power bus for industrial applications.



RST® CLASSIC

INSTALL EFFICIENTLY

Connector system with high IP protection.





Rope safety switches



FD1878



FD1883



FD1884

Quality marks:



IMO approval:

EG605

UL approval:

E131787

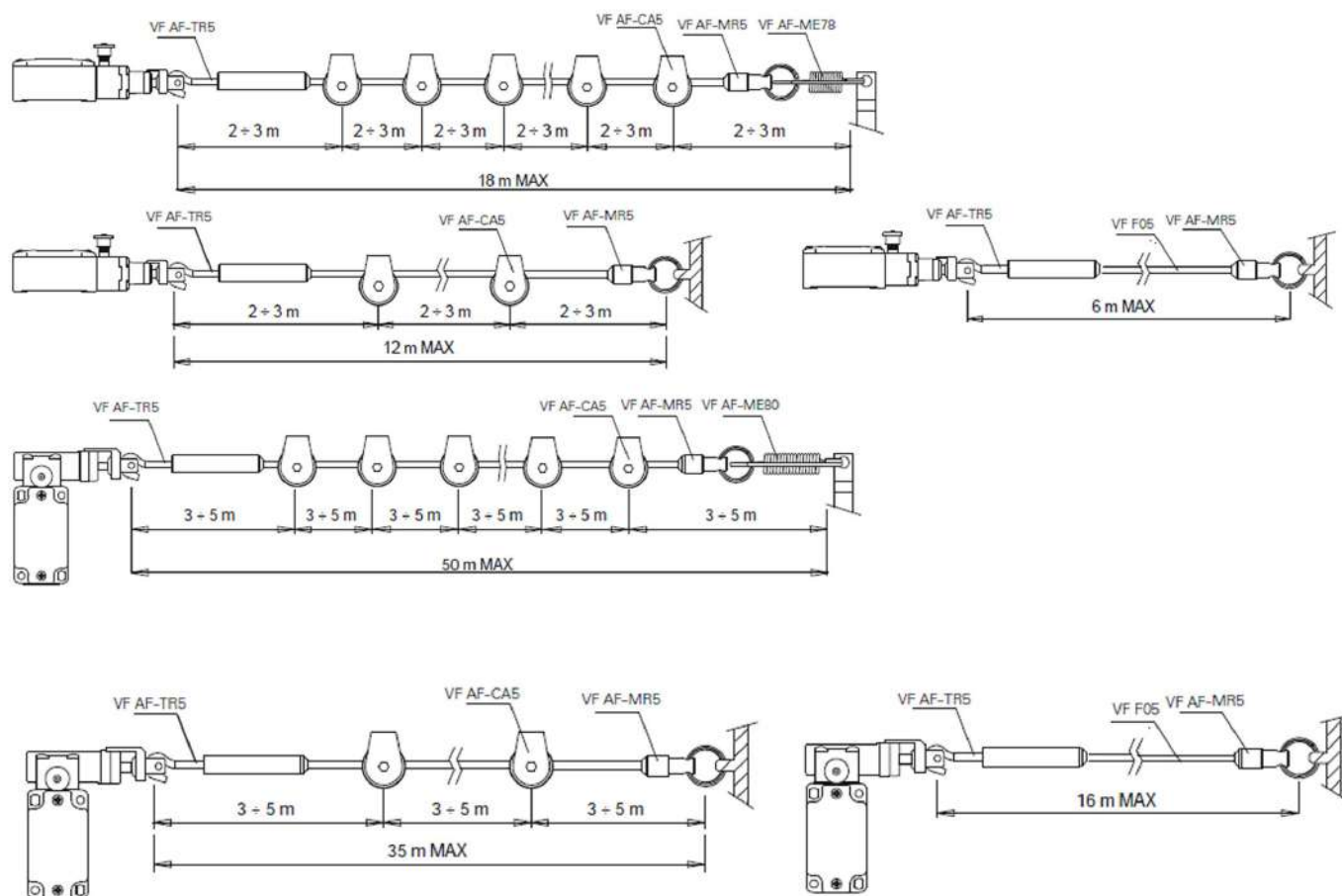
CCC approval:

2020970305002282

EAC approval:

RU C-IT.YT03.B.00035/19

IP67



Rope installation accessories



Article	VF AF-TR5	VF AF-TR8	VF AF-MR5	VF AF-ME78	VF AF-ME80	VF F05-100	VF AF-IF1GR03	VF AF-CA5	VF AF-CA10
Description	Adjustable stay bolt	Stay bolt	End clamp	Safety spring for longitudinal heads	Safety spring for transversal heads	Ø 5 mm rope 100 m roll	Rope function indicators. Text "STOP"	Pulley	Angular pulley

Mechatronic safety devices

NG Series
Safety switches with solenoid and RFID

ST Series
Safety sensors with RFID

NS Series
Safety switches with solenoid and RFID

HX BEE1 Series
Safety hinge switches with electronic contact block

IP69K IP67
Suitable for applications subjected to intense washing

Actuator with flexible bolt for accurately closing doors

Wide centering inlet for easy alignment between device and actuator

6 LEDs for immediate diagnosis

Through hole to prevent dust and dirt deposits

Push-in spring-operated connections

NG Series
Safety switches with solenoid and RFID

CE 0123 cUL US TÜV EAC ECOLAB

ST Series
Safety sensors with RFID

5 actuator types

Magnetic holding force of the actuator (ST-H series)

Special mounting versions with fixed or move actuators

LED for immediate diagnosis

Output with integrated cable or connector

ST Series
Safety sensors with RFID

CE 0123 cUL US TÜV EAC ECOLAB

IP69K IP67
Suitable for applications subjected to intense washing

Actuator with flexible bolt for accurately closing doors

Wide centering inlet for easy alignment between device and actuator

6 LEDs for immediate diagnosis

Through hole to prevent dust and dirt deposits

Auxiliary releases and connectors with variable orientation

NS Series
Safety switches with solenoid and RFID

CE 0123 cUL US TÜV EAC ECOLAB

IP69K IP67
Suitable for applications subjected to intense washing

4 LEDs for immediate diagnosis

3 different cable output directions

Availability of additional hinges without contact block

Internal electronic contact block

HX BEE1 Series
Safety hinge switches with electronic contact block

CE 0123 cUL US TÜV EAC ECOLAB

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388/18 Soi Ramkhamhaeng 53 (Chan Sri Chawala)
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ADD LINE