



Automation  
Center  
Germany



DER KATALOG

THE CATALOGUE

IL CATALOGO



**SMART MINI BOX®**

Die schnellstmontierte Box auf dem Markt  
Montage 5 Sek. - Elektrischer Anschluss 2 Sek.

**SMART MINI BOX®**

The fastest mounted box on the market  
Mounting 5 sec. - Electric connection 2 sec.

**SMART MINI BOX®**

Il box più veloce da montare esistente  
Montaggio 5 sec. - Allacciamento 2 sec.

# SMART MINI BOX®

We make **your** control units





**DIE NEUHEITEN**

**THE NEWS**

**LE NOVITÀ**



**SMART MINI BOX® MIT LED**

Die Smart Mini Box kann als Option mit LED-Technologie ausgerüstet werden.

Sie erhalten zusätzlich zur Stellungsrückmeldung durch die Endschalter und die optische Anzeige AUF-ZU ein farbliches Signal GRÜN-ROT (die Box färbt sich entsprechend ein, andere Farben auf Anfrage).

Dies kann speziell in dunkleren Anlagen, im Schiffsbau oder an von einem Bediener zu überwachenden Anlage von großem Vorteil sein.

**SMART MINI BOX® WITH LED**

The Smart Mini Box can be equipped with LED-technology as an option.

Further to the position signal of the switches and the visual indication OPEN-CLOSE you will have a coloured signal GREEN-YELLOW (the box will get coloured, other colours on request).

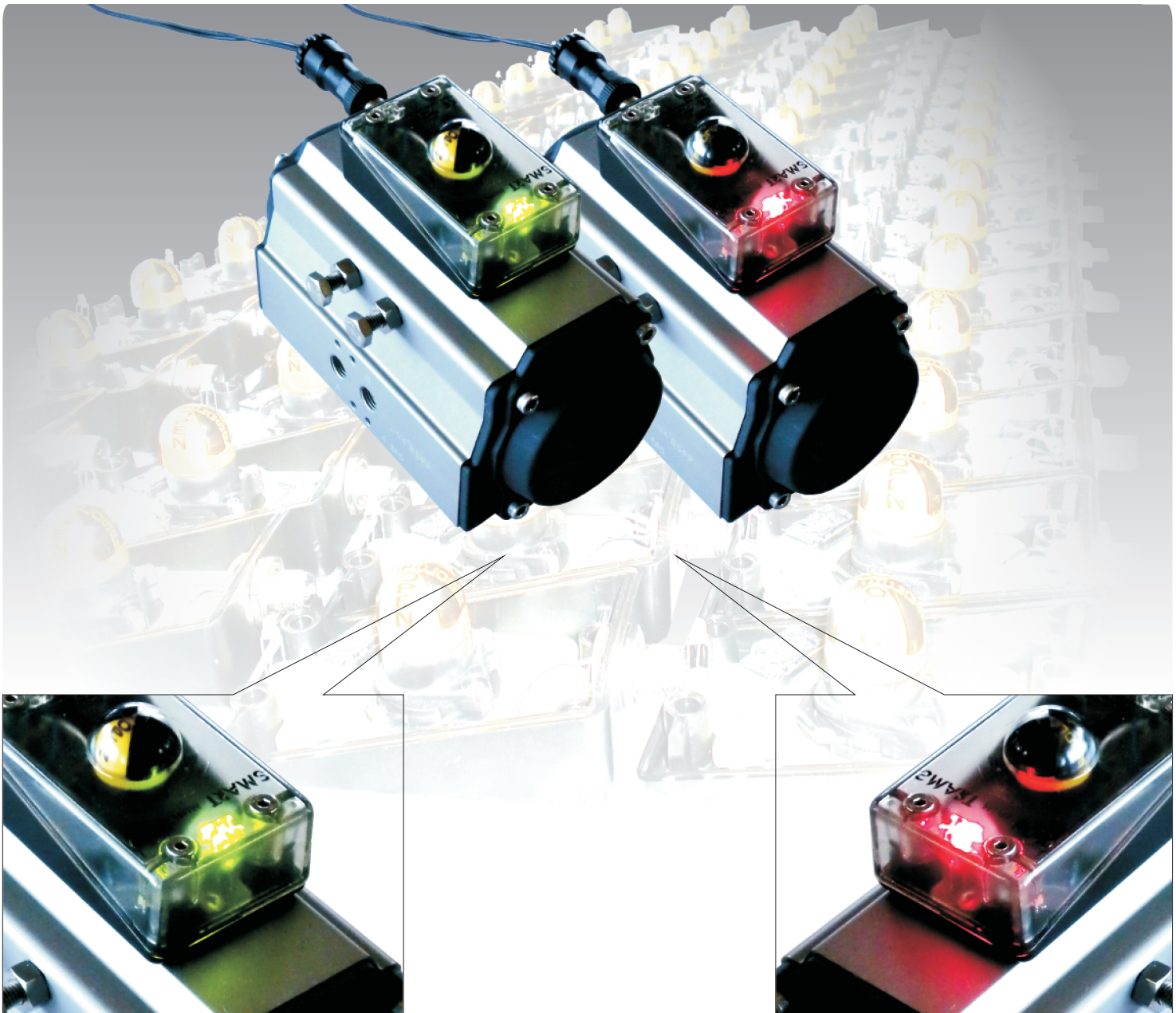
This could be very helpful in dark plants, in the ship-building industry or in plants, which have to be operated and observed by human manpower.

**SMART MINI BOX® CON LED**

Il Smart Mini Box può essere equipaggiato con tecnologia LED come optional.

Oltre alla segnalazione di posizione dei finecorsa e dell'indicazione visuale APERTO-CHIUSO, avrete una segnalazione colorata ROSSO-VERDE (il box ne prende il colore, altri colori su richiesta).

Questo può essere molto utile in impianti scuri, nell'industria navale oppure in impianti che devono essere operate e sorvegliate da umani.





**A**utomation  
**C**enter  
**G**ermany



**DIE FIRMA**

**THE COMPANY**

**L'IMPRESA**



- Die Firma hat ihren Sitz in Tettngang, in Nähe des schönen Bodensees und angrenzend an Österreich und Schweiz.

ACG Automation Center Germany GmbH & Co. KG hat in der Person seines Firmengründers und Geschäftsführers Hr. Gunnar Berge eine jahrzehntelange Erfahrung in der Automatisierung von Industriearmaturen sammeln können und widmet sich seither der Produktion von innovativen und qualitativ hochwertigen Endschalterboxen und Zubehör für diesen Industriezweig.

- The company is situated in Tettngang, near to the beautiful Lake of Constance and bordering to Switzerland and Austria.

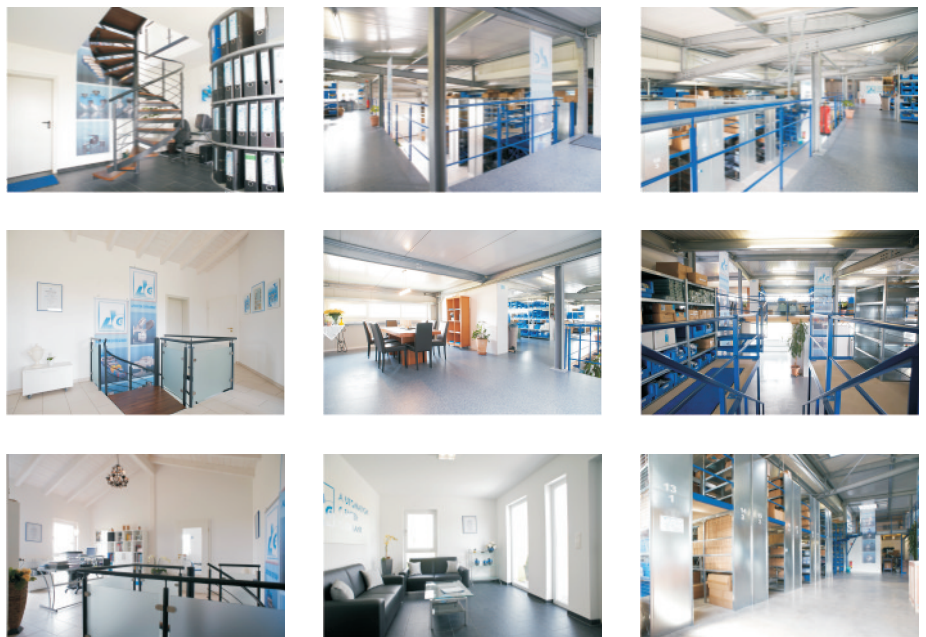
ACG Automation Center Germany GmbH & Co. KG in the person of its president and founder Mr. Gunnar Berge has achieved within the past decades important experience in the valve automation industry and is now dedicated to the production of innovative high quality switchboxes and accessories for this particular industrial sector.

- L'impresa è situata a Tettngang, nei dintorni del bellissimo Lago di Costanza, confinando con Austria e Svizzera.

ACG Automation Center Germany GmbH & Co. KG nella persona del suo fondatore e presidente Sig. Gunnar Berge si è fatta un'esperienza di più decenni nel campo dell'automazione valvole industriali e si dedica nella produzione di box finecorsa ed accessori innovativi di alta qualità per questo settore industriale particolare.



• Made in Germany



- ACG Automation Center Germany GmbH & Co. KG wurde 2007 vom TÜV Rheinland GmbH zertifiziert und unterhält aktuell ein **Qualitätssicherungssystem nach ISO 9001:2008** mit der Register-Nr. 01 100 020780 (zu downloaden unter [www.tuv.com](http://www.tuv.com))

- ACG Automation Center Germany GmbH & Co. KG was certified 2007 by TÜV Rheinland GmbH and actually applies a **quality system in accordance with ISO 9001:2008** with the register no. 01 100 020 780 (to be downloaded at [www.tuv.com](http://www.tuv.com))

- ACG Automation Center Germany GmbH & Co. KG fu certificata 2007 dal TÜV Rheinland GmbH ed applica attualmente un **sistema di qualità ISO 9001:2008** con il no. di registrazione 01 100 020 780 (da scaricarsi sul sito [www.tuv.com](http://www.tuv.com))



DE VORTEILE

THE ADVANTAGES

IL VANTAGGI



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- Direktmontage auf Antriebe nach VDI/VDE 3845-NAMUR mit Bohrbild 80x30mm, Wellenhöhe 20 und 30mm (mit Distanzplatte und Wellenadapter). Wellendurchmesser beachten !
- Direktmontage auf Antriebe nach VDI/VDE 3845-NAMUR mit Bohrbild 50x25mm, Wellenhöhe 20 (mit Adapterplatte und Wellenadapter)
- Montierbar auf Antriebe nach VDI-VDE 3845-NAMUR mit Bohrbild 130x30, Wellenhöhen 40 und 50mm durch innovative umsteckbare Montagebrücke
- Montage in wenigen Sekunden
- Minimale Außenabmessungen
- Geringes Gewicht
- IP67 nach DIN EIN 60529
- Vorbereiteter Magnetventilanschluß in der Box für bis zu 2 Spulen, dadurch nur ein einziges Anschlußkabel für zwei elektrische Geräte notwendig
- Vielseitige Anschlußmöglichkeiten durch Kabelverschraubung oder genormte DIN-Stecker (preiswerte fertig konfektionierte Kabelstecker mit verschiedenen Kabellängen lieferbar)
- Optische Positionsanzeige für Durchgangshähne, 3-Wege Hähne mit L- oder T-Bohrung, 4-Wege Hähne mit X-Bohrung
- Beide Betätiger sind bis zu 360° verstellbar (Einstellschlüssel gehört zum Standardumfang der Lieferung)
- Schrauben zur Befestigung der Endschalterbox gehören zum Lieferumfang
- Hohe Qualität durch komplette Produktion aller Bauteile in Deutschland  
**Made in Germany !**
- Farbliche Anpassung des Produktes nach Kundenwunsch sowie Tampondruck mit Ihrem Logo und Firmenfarbe möglich
- Sehr wettbewerbsfähiges Produkt (bitte überzeugen Sie sich selbst)

- Direct mounting on actuators according to VDI/VDE 3845 - NAMUR with hole-spacing 80x30mm, stem height 20 and 30mm (with distancing plate and adaptor). Please check the stem diameter !
- Direct mounting on actuators according to VDI/VDE 3845 - NAMUR with hole-spacing 50x25mm, stem height 20 (with mounting plate and adaptor).
- Mounting on actuators according to VDI-VDE 3845 - NAMUR with hole-spacing 130x30, stem heights 40 and 50mm by using new innovativ fast mounting bracket.
- Mounting in few seconds
- Minimal dimensions
- Low weight
- IP67 according to DIN EN 60529
- Possibility of connecting monostable and bistable solenoid valves into the switchbox. Therefore the customer needs only one cable for connecting two electric apparatus
- Different connectors available on request (cable gland M16x1,5 or DIN connectors e.g. M12 with different cable lengths (different confectioned cable connectors available at good price).
- Visual indicator for 2-ways valves straight bore, 3-ways valves with T- or L-bore, 4-ways valves with X-bore
- Both cams are independent and can be regulated for up to 360° (turning key is part of standard equipment)
- Stainless steel screws for fastening of box is part of standard equipment
- High quality due to complete production of all parts in Germany  
**Made in Germany !**
- Personalization by means of product colours or tampon-printing of your logo and colours upon request
- Very competitive product (just find it out by yourself)

- Montaggio diretto su attuatori secondo VDI/VDE 3845 - NAMUR con foratura 80x30mm, altezza perno 20 e 30mm (con piastrina distanziale e giunto). Pregasi verificare il diametro perno !
- Montaggio diretto su attuatori secondo VDI/VDE 3845 - NAMUR con foratura 50x25mm, altezza perno 20 (con piastrina distanziale e giunto).
- Montaggio su attuatori secondo VDI-VDE 3845 - NAMUR con foratura 130x30, altezza perno 40 e 50mm a mezzo bracket universale innovativo.
- Montaggio in pochi secondi
- Dimensioni ridotti
- Peso ridottissimo
- IP67 secondo DIN EN 60529
- Possibilità di connessione elettrovalvola mono- o bistabile nel box. Quindi bisogna allacciarsi soltanto con un'unico cavo per box ed elettrovalvola
- Connettori diversi disponibili (per esempio pressacavo M20x1,5 o connettore DIN M12 con cavi di lunghezze diverse (vari connettori con cavi a varie lunghezze disponibili a prezzo interessante)
- Indicatore visuale per valvole 2-vie a passaggio diritto, 3-vie con sfera T- o L, 4-vie con sfera a X
- Le due camme sono indipendenti tra di loro e regolabili fino a 360° (chiave regolazione camme fa parte del corredo standard)
- Viteria in acciaio inossidabile fa parte del corredo standard
- Alta qualità grazie ad una produzione completa in Germania  
**Made in Germany !**
- I prodotti possono essere personalizzati a mezzo di colori propri od una tampografia a colori ed il Vostro marchio.
- Prodotti molto competitivi (lasciateVi convincere)



Die OPTIONEN

THE OPTIONS

Le OPZIONI



**SMART MINI BOX®**

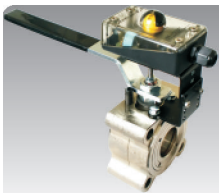
Die Smart Mini Box kann mit vielen nützlichen Optionen und Funktionen ausgestattet werden.

**SMART MINI BOX®**

The Smart Mini Box kann be equipped with a lot of further useful options and functions.

**SMART MINI BOX®**

Il Smart Mini Box può essere equipaggiato con tanti ulteriori opzioni e funzioni utili.



**-AVMB**

Kit für Aufbau auf Handarmaturen mit Topflansch ISO5211 F03-F12  
*Kit for mounting on manual valves with top flange ISO5211 F03-F12*  
Kit montaggio su valvole manuali con basetta ISO5211 F03-F12



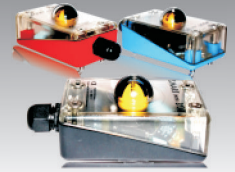
**-MA**

Magnetventilanschluß in Box für 1 Spule, Kabellänge 0.5m  
*Solenoid connection in box for 1 coil, cable length 0.5m*  
Connessione elettrovalvola in box per 1 bobina, lunghezza cavo 0.5m



**-2MA**

Magnetventilanschluß in Box für 2 Spulen, Kabellängen 0.5m  
*Solenoid connection for 2 coils, cable lengths 0.5m*  
Connessione elettrovalvolain box per 2 bobine, lunghezze cavo 0.5m



**-COLOUR**

Personalisierbar durch Ihre Farben und Logo (Tampondruck)  
*Personalizing by your colours and logo (tamponprinting)*  
Personalizzazione con colori o marchio Vs (tampografia)



**-DAE**

Druckausgleichselement gegen Kondenswasserbildung  
*Pressure equalizing device so to avoid condense water inside box*  
Membrana per l'equilibrio di pressione contro condensa d'acqua



**-M12**

Für ultraschnellen elektrischen Anschluß der Box, 5- oder 8-polig  
*For super fast electric connecting of Box, 5 or 8 poles*  
Per connessione elettrica rapidissima 5 o 8 poli



**-SV 3M**

Steckverbinder M12, 5- oder 8-polig Kabellänge 3m (andere auf Anfrage)  
*Connector M12, 5 or 8 poles Cable length 3m (others on request)*  
Connettore M12, 5 o 8 poli Lunghezza cavo 3m (altre su richiesta)



**-SV**

Steckverbinder M12, 5-oder 8-polig zum Anklemmen  
*Connector M12, 5 or 8 poles Without cable*  
Connettore M12, 5 o 8 poli senza cavo



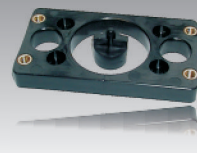
**-MBH**

Montagebrücke für Wellenhöhen 20-50mm, Bohrbild 80(130)x30mm  
*Mounting bracket for stem heights 20-50mm, top flange 80(130)x30mm*  
Bracket di montaggio per altezza perno 20-50mm, foratura 80(130)x30mm



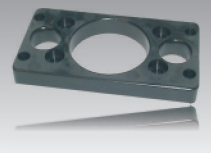
**-MBHL**

Wie -MBH, aber in einseitig offener Ausführung, freier Zugang zur Welle  
*As -MBH, but with unilateral open execution, free access to the stem*  
Come -MBH, ma aperto da un lato. Accesso libero verso il perno



**-MP**

Montageplatte für Antriebe mit Bohrbild 50x25mm  
*Mounting plate for actuators having hole-spacing 50x25mm*  
Piastrina montaggio su attuatori con foratura 50x25mm



**-DP**

Distanzplatte für Antriebe mit Wellenhöhe 30mm  
*Distance plate for actuators with stem height 30mm*  
Piastrina distanziale per attuatori con altezza perno 30mm



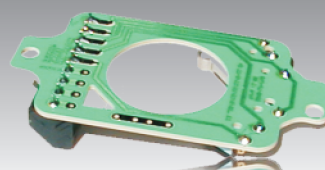
**-OC 3D**

Optische Anzeigen OPEN-CLOSE 3D für 2-, 3- und 4-Wege Hähne  
*Visual indicators OPEN-CLOSE 3D for 2-, 3- and 4-ways valves*  
Indicatore visuale OPEN-CLOSE 3D per valvole 2-, 3- e 4-vie



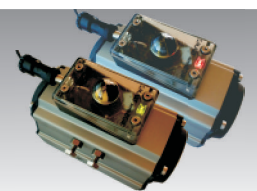
**-OC 2D**

Optische Anzeigen OPEN-CLOSE 2D für 2-, 3- und 4-Wege Hähne  
*Visual indicators OPEN-CLOSE 2D for 2-, 3- and 4-ways valves*  
Indicatore visuale OPEN-CLOSE 2D per valvole 2-, 3- e 4-vie



**-LP**

Leiterplatte mit bedruckten Leiterbahnen "Made in Germany" (Standard)  
*Circuit board with printed circuits "Made in Germany" (standard)*  
Scheda elettronica con circuiti stampati "Made in Germany" (standard)



**-LED**

Optische Anzeige ROT-GRÜN Leuchtende Box durch LED's  
*Visual indication RED-GREEN by means of LED lighting box*  
Indicazione ROSSO-VERDE LED illuminano il box all'interno



**DIE SCHALTER**

**THE SWITCHES**

**IFINECORSA**



**SMART MINI BOX®**

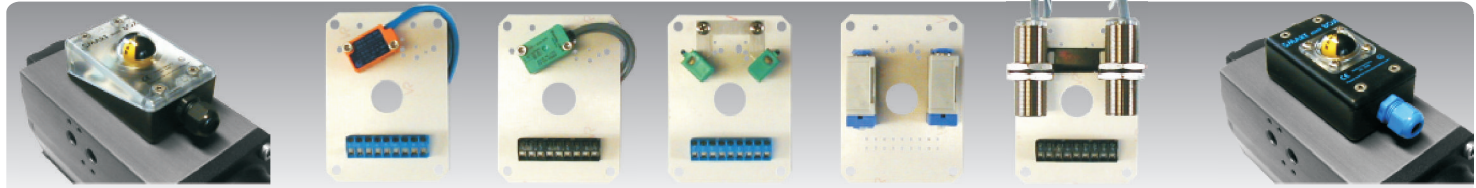
Die Smart Mini Box kann mit vielen verschiedenen Endschaltern und Funktionen ausgestattet werden.

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The Smart Mini Box can be equipped with a lot of switches and functions.

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Il Smart Mini Box può essere equipaggiato con tanti finecorsa e funzioni diversi.

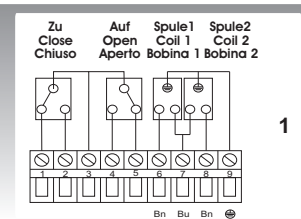


2- oder 3-Leiter, induktiv oder mechanisch, ATEX

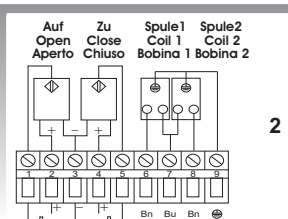
2- or 3-wire, inductive or mechanic, ATEX

2- o 3-fili, induttivi o meccanici, ATEX

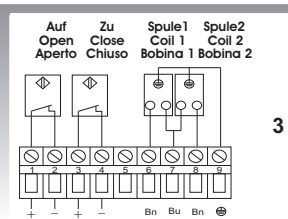
| Hersteller - Producer - Produttore  | Crouzet               |                  | Pepperl+Fuchs   |                  |                  | IFM             |                 |                  |
|---|-----------------------|------------------|-----------------|------------------|------------------|-----------------|-----------------|------------------|
| Art. Box  | SMB2M .....-11        | SMB2M .....-12   | SMB21.....-21   | SMB21.....-ia-22 | SMB2S.....-ia-24 | SMB21.....-31   | SMB21.....-32   | SMB21.....-ia-33 |
| Andere Endschalter auf Anfrage - Other switches on request - Altri finecorsa su richiesta |                       |                  |                 |                  |                  |                 |                 |                  |
| Endschalter - Switch - Finecorsa  | 831704                | 831709           | NBB2-V3-E2      | NCB2-V3-NO       | SJ3,5-NO         | IS 5001         | IS 5026         | NS 5002          |
| Ex Kennzeichnung  | -                     | II 3D T80°C X    | -               | EEx ia IIC T6    | EEx ia IIC T6    | -               | -               | EEx ia IIC T6    |
| Ex identification   | -                     | II 3D T80°C X    | -               | EEx ia IIC T6    | EEx ia IIC T6    | -               | -               | EEx ia IIC T6    |
| Marca EX  | -                     | II 3D            | -               | II1G/D           | II1G/D           | -               | -               | II1G/D           |
| ATEX 100a 94/9/EG Ex  | -                     | II 3D            | -               | II1G/D           | II1G/D           | -               | -               | II1G/D           |
| Zone - Zone - Zona  | -                     | 22               | -               | 0,1,2,20,21,22   | 0,1,2,20,21,22   | -               | -               | 0,1,2,20,21,22   |
| Kontakte - Contacts - Contatti  | Silber-Silver-Argento | Gold-Oro         | -               | -                | -                | -               | -               | -                |
| Mechanisch - Mechanical - Meccanico   | X                     | X                | -               | -                | -                | -               | -               | -                |
| Induktiv - Inductive - Induttivo  | -                     | -                | X               | X                | X                | X               | X               | X                |
| Funktion - Function - Funzione  | NC / NO               | Öffner/Schließer | PNP NO          | Namur NC         | Namur NC         | PNP NO          | NC / NO         | Namur NC         |
| Schema Nr. - Diagramm no. - Schema no.  | 1                     | 1                | 2               | 3                | 3                | 2               | 3 oder 4        | 3                |
| Anzahl Leiter - No. wire - No. fili   | 3-Leiter              | 3-Leiter         | 3-Leiter        | 2-Leiter         | 2-Leiter         | 3-Leiter        | 2-Leiter        | 2-Leiter         |
| Betriebspannung   | 24V-250V              | 24V-250V         | 10-30V DC       | 8V DC            | 8V DC            | 10-36V DC       | 5-36V DC        | 8,2V DC          |
| Nominal voltage   | 24V-250V              | 24V-250V         | 10-30V DC       | 8V DC            | 8V DC            | 10-36V DC       | 5-36V DC        | 8,2V DC          |
| Voltage nominale  | 24V-250V              | 24V-250V         | 10-30V DC       | 8V DC            | 8V DC            | 10-36V DC       | 5-36V DC        | 8,2V DC          |
| Betriebsstrom   | max. 2,5A             | max. 2,5A        | 0-100 mA        | -                | -                | 0-200 mA        | 0-200 mA        | -                |
| Operating current   | max. 2,5A             | max. 2,5A        | 0-100 mA        | -                | -                | 0-200 mA        | 0-200 mA        | -                |
| Corrente d'esercizio  | max. 2,5A             | max. 2,5A        | 0-100 mA        | -                | -                | 0-200 mA        | 0-200 mA        | -                |
| Schaltfrequenz  | -                     | -                | 0-1000 Hz       | 0-2000 Hz        | 0-2000 Hz        | 0-800 Hz        | 0-2000 Hz       | 0-800 Hz         |
| Switching frequency   | -                     | -                | 0-1000 Hz       | 0-2000 Hz        | 0-2000 Hz        | 0-800 Hz        | 0-2000 Hz       | 0-800 Hz         |
| Frequenz commutazione   | -                     | -                | 0-1000 Hz       | 0-2000 Hz        | 0-2000 Hz        | 0-800 Hz        | 0-2000 Hz       | 0-800 Hz         |
| Meßplatte erfaßt  | -                     | -                | -               | <= 0,4 mA        | <= 0,4 mA        | -               | -               | 1 mA             |
| Measuring plate detected  | -                     | -                | -               | <= 0,4 mA        | <= 0,4 mA        | -               | -               | 1 mA             |
| Lastra di misura rilevata   | -                     | -                | -               | <= 0,4 mA        | <= 0,4 mA        | -               | -               | 1 mA             |
| Meßplatte nicht erfaßt  | -                     | -                | -               | >= 3 mA          | >= 3 mA          | -               | -               | 2,2 mA           |
| Measuring plate not detected  | -                     | -                | -               | >= 3 mA          | >= 3 mA          | -               | -               | 2,2 mA           |
| Lastra di misura non rilevata   | -                     | -                | -               | >= 3 mA          | >= 3 mA          | -               | -               | 2,2 mA           |
| Leerlaufstrom   | -                     | -                | <= 15 mA        | -                | -                | <= 15 mA        | -               | -                |
| No-load supply current  | -                     | -                | <= 15 mA        | -                | -                | <= 15 mA        | -               | -                |
| Corrente a vuoto  | -                     | -                | <= 15 mA        | -                | -                | <= 15 mA        | -               | -                |
| Temp. Endschalter - Switch - Finecorsa  | -25°C ... +125°C      | -25°C ... +125°C | -25°C ... +70°C | -25°C ... +70°C  | -25°C ... +100°C | -25°C ... +80°C | -25°C ... +80°C | -20°C ... +70°C  |
| Temp. Box   | -50°C ... +150°C      |                  |                 |                  |                  |                 |                 |                  |



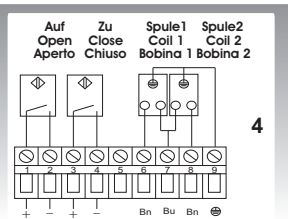
**-SMB2M-11/12**  
Mechanische Endschalter  
Mechanical switches  
Finecorsa meccanici



**-SMB21-21/31**  
Induktive Schalter 3-Leiter  
Proximity switches 3-wire  
Finecorsa induttivi 3-fili



**-SMB21-22/33**  
Induktive Schalter 2-Leiter  
Proximity switches 2-wire  
Finecorsa induttivi 2-fili



**-SMB21-32**  
Induktive Schalter 2-Leiter  
Proximity switches 2-wire  
Finecorsa induttivi 2-fili



DIE ARTIKELNUMMER THE CODE SYSTEM I CODICI ARTICOLI



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**-SMB-2D**  
Polykarbonat, 2D Flachdeckel  
*Polycarbonate, 2D flat cover*  
Polycarbonato, coperchio piatto 2D

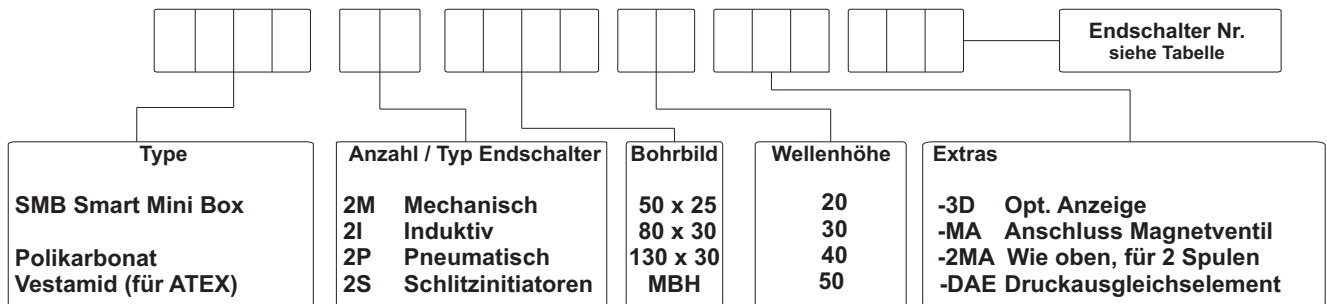
**-SMB-3D**  
Polykarbonat, 3D Kuppeldeckel  
*Polycarbonate, 3D dome cover*  
Polycarbonato, coperchio 3D a cupola

**-SMB-2D**  
Vestamid, 2D Flachdeckel  
*Vestamide, 2D flat cover*  
Vestamide, coperchio piatto 2D

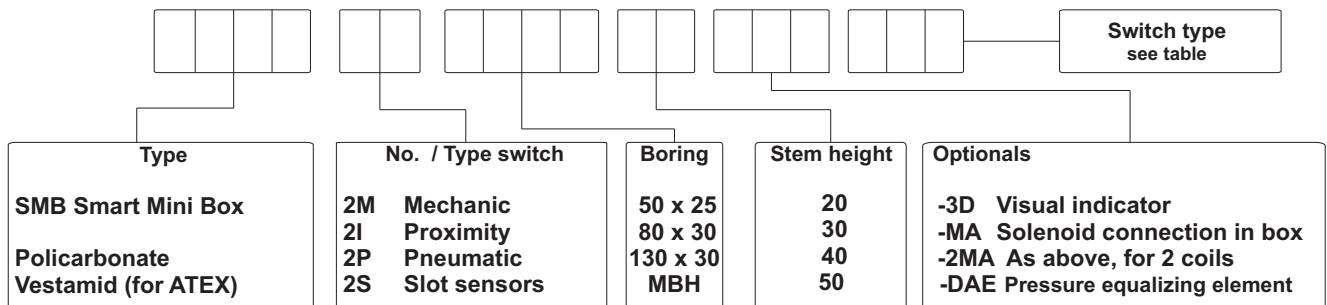
**-SMB-3D**  
Vestamid, 3D Kuppeldeckel  
*Vestamide, 3D dome cover*  
Vestamide, coperchio 3D a cupola



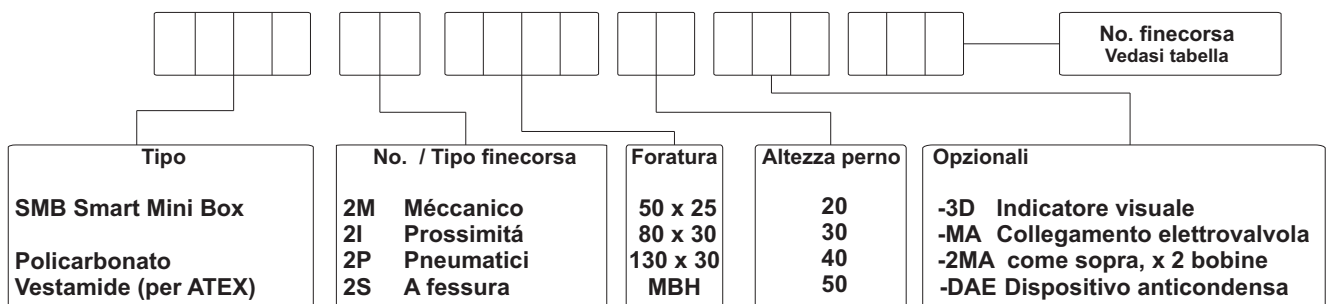
Bestellschlüssel Smart Mini Box



Code numbers Smart Mini Box



Codici articolo Smart Mini Box





**DIE ABMESSUNGEN**

**THE DIMENSIONS**

**LE DIMENSIONI**



Alle Angaben in mm

All dimensions in mm

Tutte le dimensioni in mm

**SMART MINI BOX®**

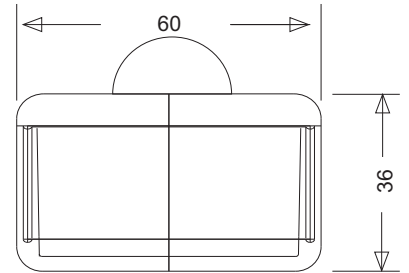
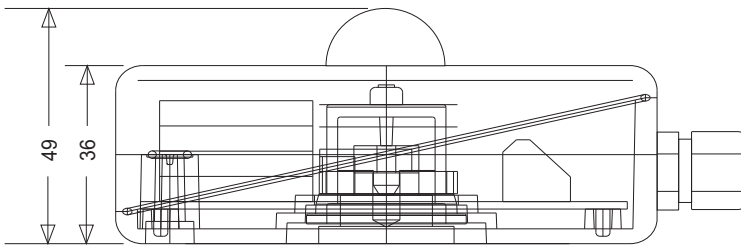
Direktaufbau  
Ohne Montagebrücke

**SMART MINI BOX®**

Direct mounting  
Without bracket

**SMART MINI BOX®**

Montaggio diretto  
Senza bracket



**SMART MINI BOX®**

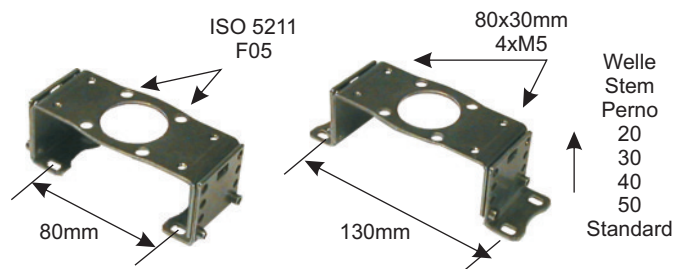
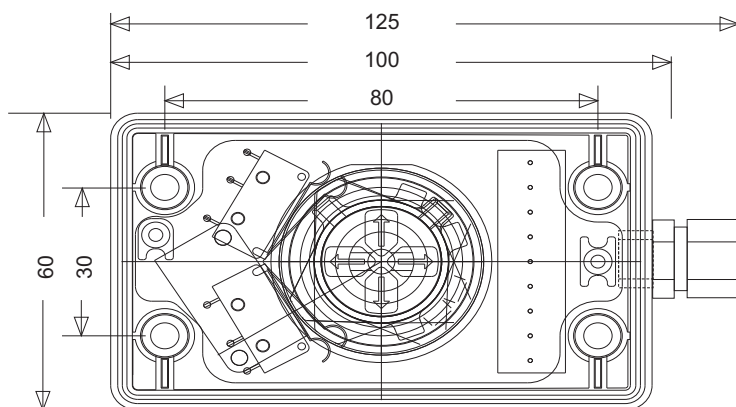
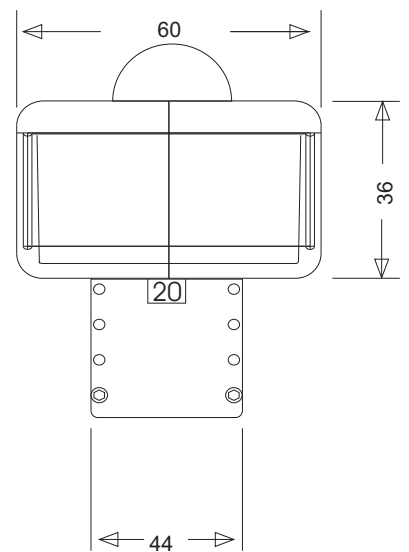
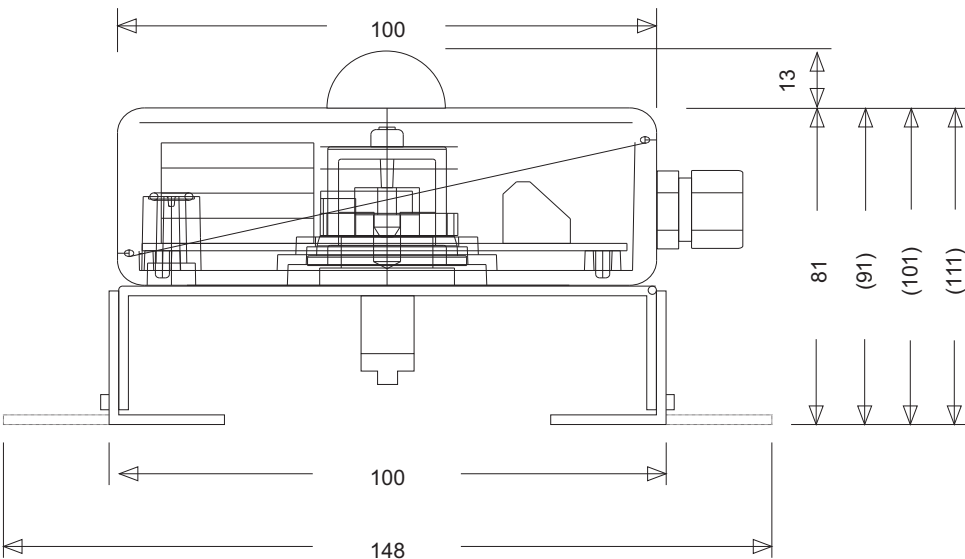
Mit Montagebrücke

**SMART MINI BOX®**

With bracket

**SMART MINI BOX®**

Con bracket







**DIE FAMILIE**

**THE FAMILY**

**LA FAMIGLIA**



**SMART BOX SERIE®**

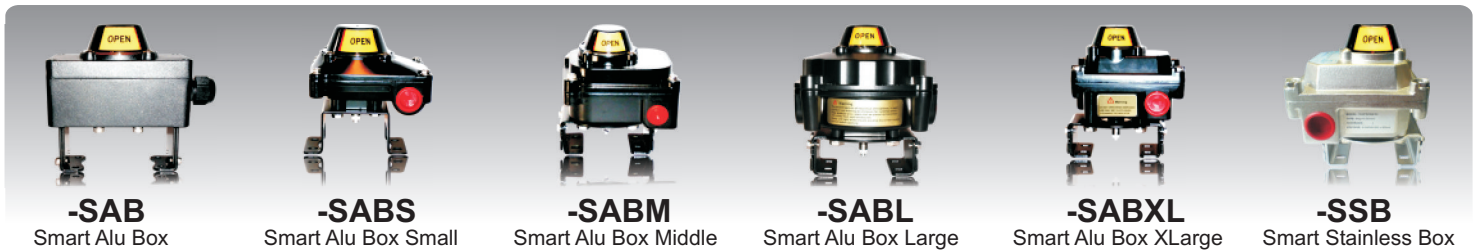
Die Smart Mini Box ist Teil einer großen Familie an weiteren Endschalterboxen aus Polyamid, Polykarbonat, Aluminium und Edelstahl.

**SMART BOX SERIES®**

The Smart Mini Box is part of a big family of further switchboxes of polyamide, polycarbonate, Aluminium and stainless steel.

**SMART BOX SERIE®**

Il Smart Mini Box fa parte di una grande famiglia di box finecorsa di materiale poliamide, policarbonato, alluminio ed acciaio inox.



**-SAB**  
Smart Alu Box

**-SABS**  
Smart Alu Box Small

**-SABM**  
Smart Alu Box Middle

**-SABL**  
Smart Alu Box Large

**-SABXL**  
Smart Alu Box XLarge

**-SSB**  
Smart Stainless Box

**SMART CONTROL STATION®**

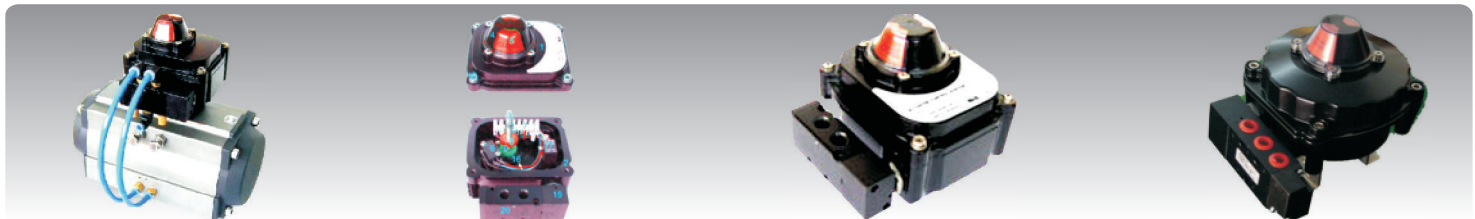
Kombinierte Endschalterbox - Magnetventil Lösung. Alle elektrischen Bauteile des Magnetventils in Aluminiumgehäuse IP67 platziert.

**SMART CONTROL STATION®**

Combined switchbox - solenoid valve solution with all electric parts of solenoid valve (coil) inside aluminium enclosure IP67.

**SMART CONTROL STATION®**

Combinazione box finecorsa con elettrovalvola. Tutti particolari elettrici dell'elettrovalvola rinchiusi in volucro alluminio IP67.



**SMART BUS BOX®**

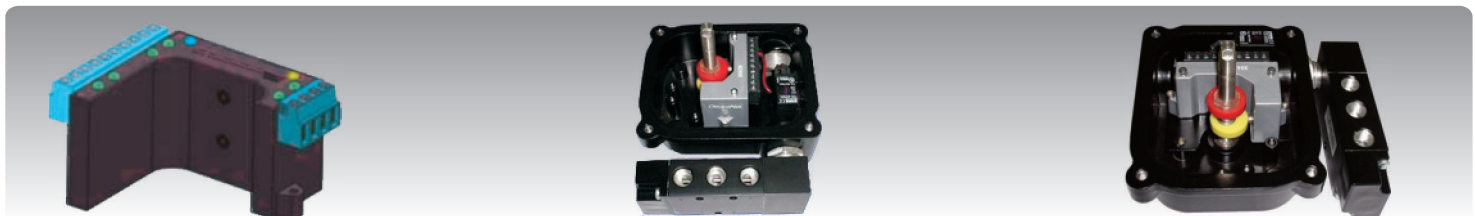
**Bus Networks**

**SMART BUS BOX®**



**SMART BUS BOX®**

*DeviceNet™*



**SMART MONITORING BOX®**

Box mit mechanischen oder induktiven Endschaltern und analogem Ausgangssignal 4-20mA für stufenlose Endlagenüberwachung 0°-90°.

**SMART MONITORING BOX®**

Switchbox with mechanical or proximity switches and analog output 4-20mA for continuous signal during 0°-90° movement.

**SMART MONITORING BOX®**

Box con finecorsa meccanici od induttivi e segnale d'uscita 4-20mA per segnalazione continua durante la manovra 0°-90°.





**A**utomation  
**C**enter  
**G**ermany



DER KATALOG

THE CATALOGUE

IL CATALOGO



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www.acg-shop.com



**MADE IN GERMANY**