

## CENTRAL LEVER series

### Easy access for robotics

Series specifically designed for industrial applications with limited installation space.

These enclosures can be installed, placed side-by-side and handled in a single operation.

Furthermore, the lever's shape reduces the effort required to uncouple the inner fittings.

#### **SUM-UP OF MATERIALS USED FOR CH..YC, CA..YC and MA..YC, CA..YX and MF..YX series**

- ☐ **Made of die cast aluminium alloy**
- ☐ **With epoxy-polyester powder coating**
- ☐ **Gaskets in anti-aging, oil-resistant, grease-resistant and fuel-resistant vinyl nitrile elastomer**
- ☐ **Locking device with single stainless steel lever**





CH - CA and MA CENTRAL LEVER

inserts		page:
CDD	42 poles + ⊕	78
CDS	18 poles + ⊕	-
CDSH	18 poles + ⊕	87
CNE	10 poles + ⊕	111
CSE	10 poles + ⊕	-
CSH	10 poles + ⊕	111
CSH S	10 poles + ⊕	123
CCE	10 poles + ⊕	131
CSS	10 poles + ⊕	149
CT, CTSE (16A) *)	10 poles + ⊕	161
CQE	18 poles + ⊕	169
MIXO	3 modules	262 - 317

\*) can be used only in bulkhead mounting housings

bulkhead mounting housings for central lever



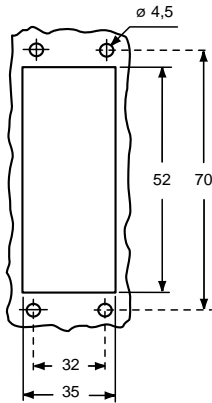
surface mounting housings, with two entries for central lever



description	part No.	part No.	entry Pg	part No.	entry M
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bulkhead mounting with pegs	CHI 06 YC				
surface mounting, high construction, with pegs		CAP 06 YC229	29x2	MAP 06 YC232	32x2

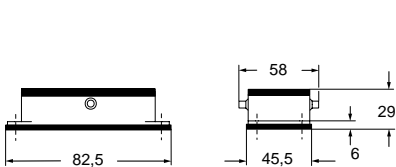
panel cut-out for bulkhead mounting housings



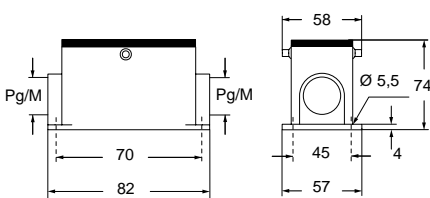
Even when coding is not required, it is recommended to use CRM and CRF pins with CD and CDD inserts and CRM CX and CRF CX pins with MIXO inserts to reduce movements when fitting and removing the connectors and to avoid contact damages.

Within this scope, the EN 175301-801 standard (former DIN 43 652) requires a maximum angular fluctuation of  $\pm 5^\circ$  on the long side,  $\pm 2^\circ$  on the short side.

CHI YC



CAP YC and MAP YC



CALUS Type 4/4X/12



CA and MA CENTRAL LEVER

inserts		page:
CDD	42 poles + ⊕	78
CDS	18 poles + ⊕	-
CDSH	18 poles + ⊕	87
CNE	10 poles + ⊕	111
CSE	10 poles + ⊕	-
CSH	10 poles + ⊕	111
CSH S	10 poles + ⊕	123
CCE	10 poles + ⊕	131
CSS	10 poles + ⊕	149
CQE	18 poles + ⊕	169
MIXO	3 modules	262 - 317

hoods with central lever



hoods with central lever

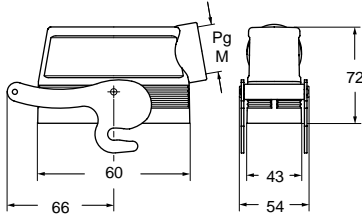


description	part No.	entry Pg	part No.	entry M	part No.	entry Pg	part No.	entry M
side entry, high construction	CAO 06 YX21	21	MAO 06 YX25	25				
side entry, high construction	CAO 06 YX29	29	MAO 06 YX32	32				
top entry, high construction					CAV 06 YX21	21	MAV 06 YX25	25
top entry, high construction					CAV 06 YX29	29	MAV 06 YX32	32

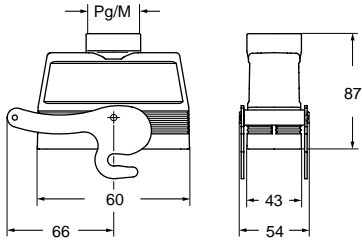
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CAO..YX and MAO..YX



CAV..YX and MAV..YX





CA - MA and CF - MF CENTRAL LEVER

inserts		page:
CDD	42 poles + ⊕	78
CDS	18 poles + ⊕	-
CDSH	18 poles + ⊕	87
CNE	10 poles + ⊕	111
CSE	10 poles + ⊕	-
CSH	10 poles + ⊕	111
CSH S	10 poles + ⊕	123
CCE	10 poles + ⊕	131
CSS	10 poles + ⊕	149
CQE	18 poles + ⊕	169
MIXO	3 modules	262 - 317

hoods for central lever



hoods for central lever



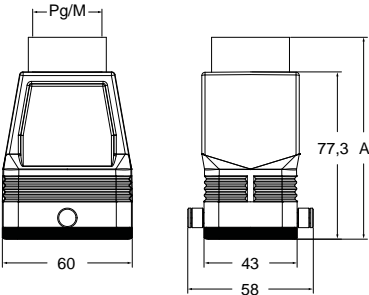
description	part No.	entry Pg	part No.	entry M	part No.	entry Pg	part No.	entry M
with pegs, top entry, high construction	CAV 06 GYC21	21	MAV 06 GYC25	25				
with pegs, top entry, high construction	CAV 06 GYC29	29	MAV 06 GYC32	32				
with pegs, top entry, high construction			MAV 06 GYC40	40				
with pegs, top entry, high construction, without adapter <sup>1)</sup>					CFV 06 GYC21	21	MFV 06 GYC25	25
with pegs, top entry, high construction, without adapter <sup>1)</sup>					CFV 06 GYC29	29	MFV 06 GYC32	32
with pegs, top entry, high construction, without adapter <sup>1)</sup>							MFV 06 GYC40	40

<sup>1)</sup> enclosure without adapter, threaded on the body, to be used only with a complete cable gland.

☑ Even when coding is not required, it is recommended to use CRM and CRF pins with CD and CDD inserts and CRM CX and CRF CX pins with MIXO inserts to reduce movements when fitting and removing the connectors and to avoid contact damages.

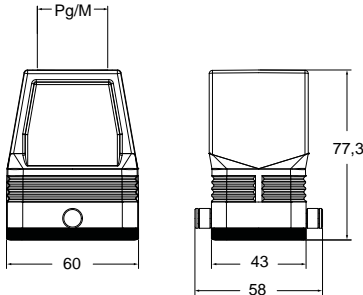
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CAV..GYC and MAV..GYC



part No.	A
CAV 06 GYC21	92,3
CAV 06 GYC29	93,8
MAV 06 GYC25	92,3
MAV 06 GYC32	93,3
MAV 06 GYC40	96,3

CFV..GYC and MFV..GYC



CH - CA and MA CENTRAL LEVER

inserts		page:
CDD	42 poles + ⊕	78
CDS	18 poles + ⊕	-
CDSH	18 poles + ⊕	87
CNE	10 poles + ⊕	111
CSE	10 poles + ⊕	-
CSH	10 poles + ⊕	111
CSH S	10 poles + ⊕	123
CCE	10 poles + ⊕	131
CMSH	3+2 (aux) poles + ⊕	136
CMCE	3+2 (aux) poles + ⊕	137
CSS	10 poles + ⊕	149
CT, CTSE (16A) *)	10 poles + ⊕	161
CQE	18 poles + ⊕	169
CX	8/24 poles + ⊕	194
MIXO	3 modules	262 - 317

\*) can be used only in bulkhead mounting housings

bulkhead mounting housings for central lever



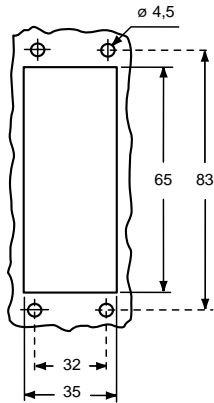
surface mounting housings, with two entries, for central lever



description	part No.	part No.	entry Pg	part No.	entry M
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bulkhead mounting with pegs	CHI 10 YC				
surface mounting, high construction, with pegs		CAP 10 YC229	29x2	MAP 10 YC232	32x2

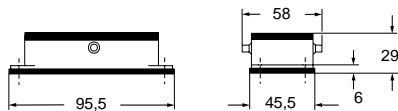
panel cut-out for bulkhead mounting housings



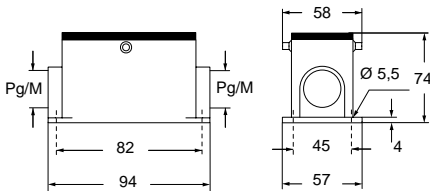
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CHI YC



CAP YC and MAP YC



**CAUS** Type 4/4X/12





CA and MA CENTRAL LEVER

inserts		page:
CDD	42 poles + ⊕	78
CDS	18 poles + ⊕	-
CDSH	18 poles + ⊕	87
CNE	10 poles + ⊕	111
CSE	10 poles + ⊕	-
CSH	10 poles + ⊕	111
CSH S	10 poles + ⊕	123
CCE	10 poles + ⊕	131
CMSH	3+2 (aux) poles + ⊕	136
CMCE	3+2 (aux) poles + ⊕	137
CSS	10 poles + ⊕	149
CQE	18 poles + ⊕	169
CX	8/24 poles + ⊕	194
MIXO	3 modules	262 - 317

hoods with central lever



hoods with central lever

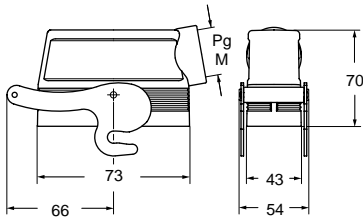


description	part No.	entry Pg	part No	entry M	part No.	entry Pg	part No.	entry M
side entry, high construction	CAO 10 YX21	21	MAO 10 YX32	32				
side entry, high construction	CAO 10 YX29	29	MAO 10 YX40	40				
top entry, high construction					CAV 10 YX21	21	MAV 10 YX32	32
top entry, high construction					CAV 10 YX29	29	MAV 10 YX40	40

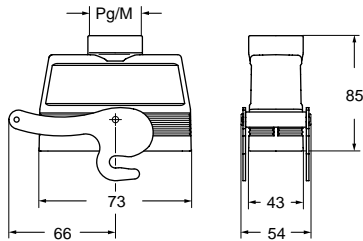
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CAO..YX and MAO..YX



CAV..YX and MAV..YX



CALUS<sup>®</sup> Type 4/4X/12



## CA - MA and CF - MF CENTRAL LEVER

inserts		page:
CDD	42 poles + ⊕	78
CDS	18 poles + ⊕	-
CDSH	18 poles + ⊕	87
CNE	10 poles + ⊕	111
CSE	10 poles + ⊕	-
CSH	10 poles + ⊕	111
CSH S	10 poles + ⊕	123
CCE	10 poles + ⊕	131
CMSH	3+2 (aux) poles + ⊕	136
CMCE	3+2 (aux) poles + ⊕	137
CSS	10 poles + ⊕	149
CQE	18 poles + ⊕	169
CX	8/24 poles + ⊕	194
MIXO	3 modules	262 - 317

## hoods for central lever



## hoods for central lever



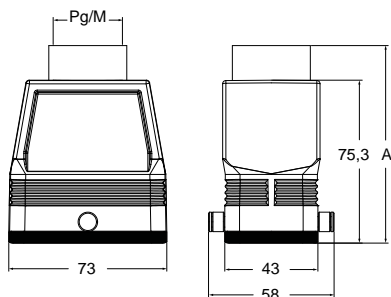
description	part No.	entry Pg	part No.	entry M	part No.	entry Pg	part No.	entry M
with pegs, top entry, high construction	CAV 10 GYC21	21	MAV 10 GYC25	25				
with pegs, top entry, high construction	CAV 10 GYC29	29	MAV 10 GYC32	32				
with pegs, top entry, high construction			MAV 10 GYC40	40				
with pegs, top entry, high construction, without adapter <sup>1)</sup>					CFV 10 GYC21	21	MFV 10 GYC25	25
with pegs, top entry, high construction, without adapter <sup>1)</sup>					CFV 10 GYC29	29	MFV 10 GYC32	32
with pegs, top entry, high construction, without adapter <sup>1)</sup>							MFV 10 GYC40	40

<sup>1)</sup> enclosure without adapter, threaded on the body, to be used only with a complete cable gland.

☑ Even when coding is not required, it is recommended to use CRM and CRF pins with CD and CDD inserts and CRM CX and CRF CX pins with MIXO inserts to reduce movements when fitting and removing the connectors and to avoid contact damages.

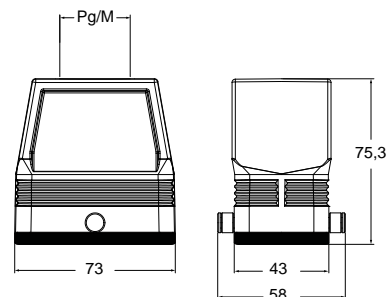
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## CAV..GYC and MAV GYC



part No.	A
CAV 10 GYC21	90,3
CAV 10 GYC29	91,8
MAV 10 GYC25	90,3
MAV 10 GYC32	91,3
MAV 10 GYC40	94,3

## CFV..GYC and MFV..GYC



**CAV<sup>®</sup>US**

Type  
4/4X/12  
pending





CH - CA and MA CENTRAL LEVER

inserts		page:
CD	40 poles + ⊕	70
CDD	72 poles + ⊕	79
CDS	27 poles + ⊕	-
CDSH	27 poles + ⊕	88
CNE	16 poles + ⊕	112
CSE	16 poles + ⊕	-
CSH	16 poles + ⊕	112
CSH S	16 poles + ⊕	124
CCE	16 poles + ⊕	132
CMSH, CMCE	6+2 (aux) poles + ⊕	138 - 139
CSS	16 poles + ⊕	150
CT, CTS (10A *)	40 poles + ⊕	156
CT, CTSE (16A *)	16 poles + ⊕	162
CQE	32 poles + ⊕	170
CQEE	40 poles + ⊕	176
CP	6 poles + ⊕	178
CX	6/12, 6/36 and 12/2 poles + ⊕	197 - 199
CX	4/0 and 4/2 poles + ⊕	200 - 201
MIXO	4 modules	262 - 317

\*) can be used only in bulkhead mounting housings

bulkhead mounting housings for central lever



surface mounting housings, with two entries for central lever



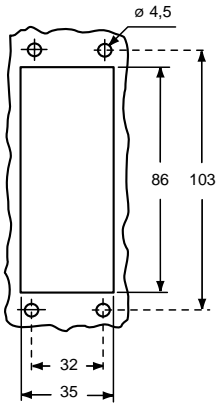
description	part No.	part No.	entry Pg	part No.	entry M
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bulkhead mounting with pegs **CHI 16 YC**

surface mounting, high construction, with pegs

**CAP 16 YC229** 29x2 **MAP 16 YC232** 32x2

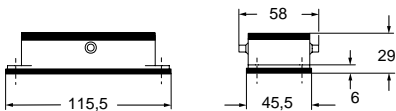
panel cut-out for bulkhead mounting housings



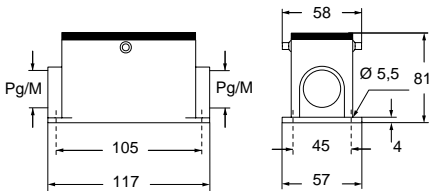
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CHI YC



CAP YC and MAP YC



**CAUS** Type 4/4X/12



CA and MA CENTRAL LEVER

inserts		page:
CD	40 poles + ⊕	70
CDD	72 poles + ⊕	79
CDS	27 poles + ⊕	-
CDSH	27 poles + ⊕	88
CNE	16 poles + ⊕	112
CSE	16 poles + ⊕	-
CSH	16 poles + ⊕	112
CSH S	16 poles + ⊕	124
CCE	16 poles + ⊕	132
CMSH, CMCE	6+2 (aux) poles + ⊕	138 - 139
CSS	16 poles + ⊕	150
CQE	32 poles + ⊕	170
CQEE	40 poles + ⊕	176
CP	6 poles + ⊕	178
CX	6/12, 6/36 and 12/2 poles + ⊕	197 - 199
CX	4/0 and 4/2 poles + ⊕	200 - 201
MIXO	4 modules	262 - 317

hoods with central lever



hoods with central lever

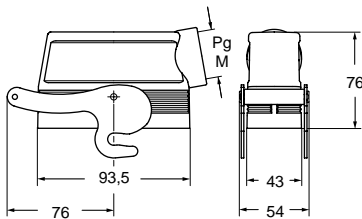


description	part No.	entry Pg	part No	entry M	part No.	entry Pg	part No.	entry M
side entry, high construction	CAO 16 YX21	21	MAO 16 YX32	32				
side entry, high construction	CAO 16 YX29	29	MAO 16 YX40	40				
top entry, high construction					CAV 16 YX21	21	MAV 16 YX32	32
top entry, high construction					CAV 16 YX29	29	MAV 16 YX40	40

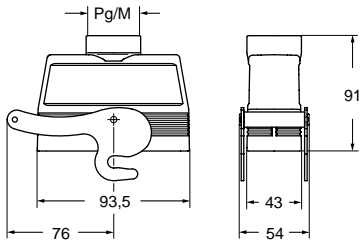
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CAO..YX and MAO..YX



CAV..YX and MAV..YX



**CAUS** Type 4/4X/12





CA - MA and CF - MF CENTRAL LEVER

inserts		page:
CD	40 poles + ⊕	70
CDD	72 poles + ⊕	79
CDS	27 poles + ⊕	-
CDSH	27 poles + ⊕	88
CNE	16 poles + ⊕	112
CSE	16 poles + ⊕	-
CSH	16 poles + ⊕	112
CSH S	16 poles + ⊕	124
CCE	16 poles + ⊕	132
CMSH, CMCE	6+2 (aux) poles + ⊕	138 - 139
CSS	16 poles + ⊕	150
CQE	32 poles + ⊕	170
CQEE	40 poles + ⊕	176
CP	6 poles + ⊕	178
CX	6/12, 6/36 and 12/2 poles + ⊕	197 - 199
CX	4/0 and 4/2 poles + ⊕	200 - 201
MIXO	4 modules	262 - 317

hoods for central lever



hoods for central lever



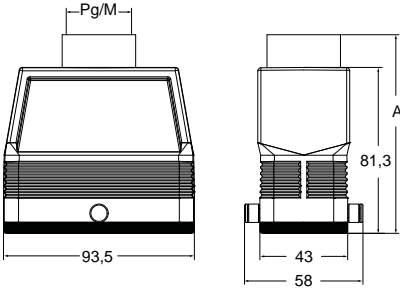
description	part No.	entry Pg	part No	entry M	part No.	entry Pg	part No.	entry M
with pegs, top entry, high construction	CAV 16 GYC21	21	MAV 16 GYC25	25				
with pegs, top entry, high construction	CAV 16 GYC29	29	MAV 16 GYC32	32				
with pegs, top entry, high construction			MAV 16 GYC40	40				
with pegs, top entry, high construction, without adapter <sup>1)</sup>					CFV 16 GYC21	21	MFV 16 GYC25	25
with pegs, top entry, high construction, without adapter <sup>1)</sup>					CFV 16 GYC29	29	MFV 16 GYC32	32
with pegs, top entry, high construction, without adapter <sup>1)</sup>							MFV 16 GYC40	40

<sup>1)</sup> enclosure without adapter, threaded on the body, to be used only with a complete cable gland.

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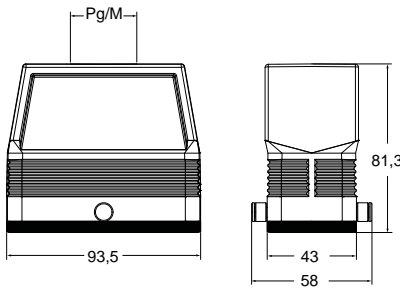
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CAV..GYC and MAV..GYC



part No.	A
CAV 16 GYC21	96,3
CAV 16 GYC29	97,8
MAV 16 GYC25	96,3
MAV 16 GYC32	97,6
MAV 16 GYC40	100,3

CFV..GYC and MFV..GYC



Type  
4/4X/12  
pending



CH - CA and MA CENTRAL LEVER

inserts		page:
CD	64 poles + ⊕	72
CDD	108 poles + ⊕	81
CDS	42 poles + ⊕	-
CDSH	42 poles + ⊕	89
CNE	24 poles + ⊕	113
CSE	24 poles + ⊕	-
CSH	24 poles + ⊕	113
CSH S	24 poles + ⊕	125
CCE	24 poles + ⊕	133
CMSH	10+2 (aux) poles + ⊕	140
CMCE	10+2 (aux) poles + ⊕	141
CSS	24 poles + ⊕	151
CT, CTS (10A) *)	64 poles + ⊕	157
CT, CTSE (16A) *)	24 poles + ⊕	163
CQE	46 poles + ⊕	171
CQEE	64 poles + ⊕	177
CX	4/8 and 6/6 poles + ⊕	204, 206
MIXO	6 modules	262 - 317

\*) can be used only in bulkhead mounting housings

bulkhead mounting housings for central lever



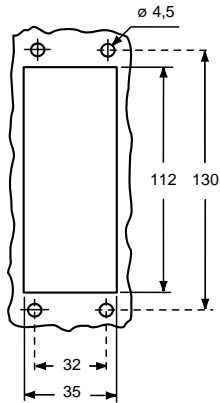
surface mounting housings, with two entries, for central lever



description	part No.	part No.	entry Pg	part No.	entry M
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bulkhead mounting with pegs	CHI 24 YC				
surface mounting, high construction, with pegs		CAP 24 YC229	29x2	MAP 24 YC232	32x2

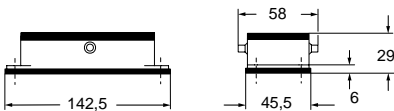
panel cut-out for bulkhead mounting housings



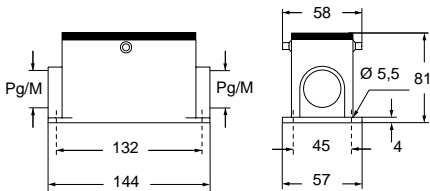
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CHI YC



CAP YC and MAP YC



**CAUS** Type 4/4X/12





CA and MA - CI and MI CENTRAL LEVER

inserts		page:
CD	64 poles + ⊕	72
CDD	108 poles + ⊕	81
CDS	42 poles + ⊕	-
CDSH	42 poles + ⊕	89
CNE	24 poles + ⊕	113
CSE	24 poles + ⊕	-
CSH	24 poles + ⊕	113
CSH S	24 poles + ⊕	125
CCE	24 poles + ⊕	133
CMSH	10+2 (aux) poles + ⊕	140
CMCE	10+2 (aux) poles + ⊕	141
CSS	24 poles + ⊕	151
CQE	46 poles + ⊕	171
CQEE	64 poles + ⊕	177
CX	4/8 and 6/6 poles + ⊕	204, 206
MIXO	6 modules	262 - 317

hoods with central lever



inclined hoods with central lever

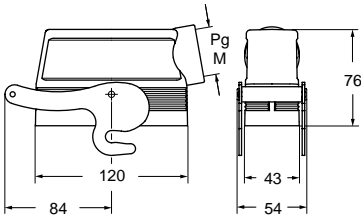


description	part No.	entry Pg	part No.	entry M	part No.	entry Pg	part No.	entry M
side entry, high construction	CAO 24 YX21	21	MAO 24 YX32	32				
side entry, high construction	CAO 24 YX29	29	MAO 24 YX40	40				
top entry, high construction	CAV 24 YX21	21	MAV 24 YX32	32				
top entry, high construction	CAV 24 YX29	29	MAV 24 YX40	40				
side entry, high construction							MIO 24 YX40	40
side entry, high construction					CIO 24 YX36	36	MIO 24 YX50	50
top entry, high construction							MIV 24 YX40	40
top entry, high construction					CIV 24 YX36	36	MIV 24 YX50	50

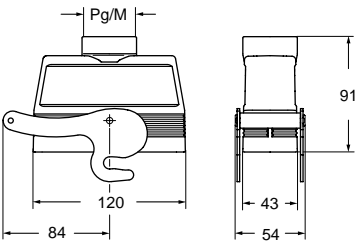
Even when coding is not required, it is recommended to use CRM and CRF pins with CD and CDD inserts and CRM CX and CRF CX pins with MIXO inserts to reduce movements when fitting and removing the connectors and to avoid contact damages.

Within this scope, the EN 175301-801 standard (former DIN 43 652) requires a maximum angular fluctuation of ±5° on the long side, ±2° on the short side.

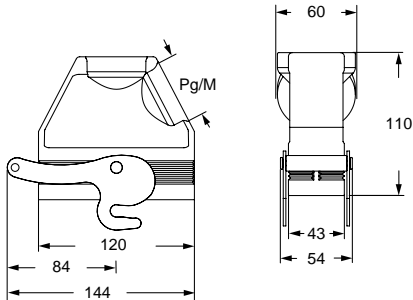
CAO..YX and MAO..YX



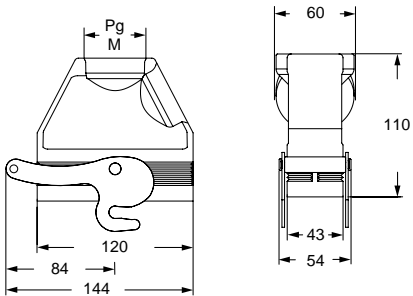
CAV..YX and MAV..YX



CIO..YX and MIO..YX



CIV..YX and MIV..YX



## CA - MA and CF - MF CENTRAL LEVER

inserts		page:
CD	64 poles + ⊕	72
CDD	108 poles + ⊕	81
CDS	42 poles + ⊕	-
CDSH	42 poles + ⊕	89
CNE	24 poles + ⊕	113
CSE	24 poles + ⊕	-
CSH	24 poles + ⊕	113
CSH S	24 poles + ⊕	125
CCE	24 poles + ⊕	133
CMSH	10+2 (aux) poles + ⊕	140
CMCE	10+2 (aux) poles + ⊕	141
CSS	24 poles + ⊕	151
CQE	46 poles + ⊕	171
CQEE	64 poles + ⊕	177
CX	4/8 and 6/6 poles + ⊕	204, 206
MIXO	6 modules	262 - 317

## hoods for central lever



## hoods for central lever



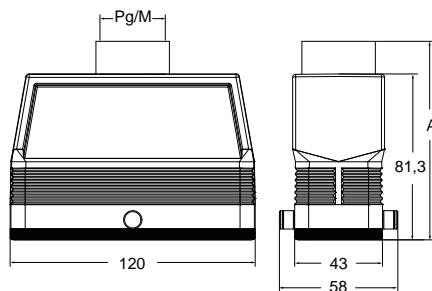
description	part No.	entry Pg	part No.	entry M	part No.	entry Pg	part No.	entry M
with pegs, top entry, high construction	CAV 24 GYC21	21	MAV 24 GYC25	25				
with pegs, top entry, high construction	CAV 24 GYC29	29	MAV 24 GYC32	32				
with pegs, top entry, high construction			MAV 24 GYC40	40				
with pegs, top entry, high construction, without adapter <sup>1)</sup>					CFV 24 GYC21	21	MFV 24 GYC25	25
with pegs, top entry, high construction, without adapter <sup>1)</sup>					CFV 24 GYC29	29	MFV 24 GYC32	32
with pegs, top entry, high construction, without adapter <sup>1)</sup>							MFV 24 GYC40	40

<sup>1)</sup> enclosure without adapter, threaded on the body, to be used only with a complete cable gland.

☑ Even when coding is not required, it is recommended to use CRM and CRF pins with CD and CDD inserts and CRM CX and CRF CX pins with MIXO inserts to reduce movements when fitting and removing the connectors and to avoid contact damages.

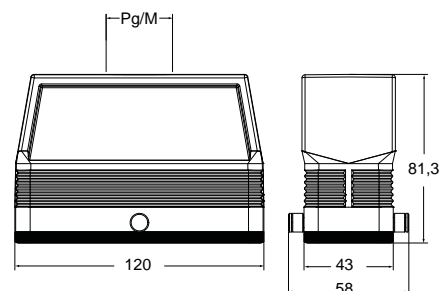
Within this scope, the EN 175301-801 standard (former DIN 43 652) requires a maximum angular fluctuation of  $\pm 5^\circ$  on the long side,  $\pm 2^\circ$  on the short side.

## CAV..GYC and MAV..GYC



part No.	A
CAV 24 GYC21	96,3
CAV 24 GYC29	97,8
MAV 24 GYC25	96,3
MAV 24 GYC32	97,6
MAV 24 GYC40	100,3

## CFV..GYC and MFV..GYC



**CAUS**

Type  
4/4X/12  
pending



## Locking device for single stainless steel central locking lever

- **locking device**, made in **stainless steel**, with **proprietary design**, that can be easily placed on the side of the central lever of a “104.27” hood in order to lock the opening movement of the locking lever, thus avoiding any unwanted and potentially hazardous accidental opening of the connector coupling under working condition;
- **possibility to apply, optionally, a padlock** (**CR BLC622**, separately available, 6 mm shackle diameter, 22 mm arc clearance) with **anti-tamper function**, to secure the locking against any unauthorized attempt to open the locking lever and disconnect the connector coupling;
- **two versions available:**
  - with eyelet cord end, **CR YLK24** (see page 667) for the fastening to a housing of a central lever coupling when not in use;



with “loop” cord end, **CR YLK24 SL** (see page 667) for the fastening to a hood when not in use (around the incoming cable).

