Connection Box CBO 20

General Data

Case material:	Polyester, glass-fibre reinforced, halogen-free
Internals:	Mounting sockets with M4 / M6 threaded inserts in enclosure base with 35 mm DIN rail
Ingress protection:	IP 66 according to EN 60529:2000
Finish:	RAL 7032 grey, surface resistance > 109 Ω
Gasket:	Chloroprene (CR) string gasket
Mounting:	Mounting screws outside enclosure interior
Operating temperature:	-30°C … +90°C
Storage Conditions:	0 °C ... +60 °C, 30% … 70% relative humidity, non condensing, prevention against shock, vibration, dust, electrostatic discharge **ESD**, **UV** light
Cable glands:	Metric, with O-Ring
Weight:	1,6 … 1,8 kg (depending on configuration)
Dimensions:	244,0 x 164,0 x 101,0 mm, without cable glands (w x h x d)

Combustion behaviour

- UL 94 V-0, self-extinguishing
- EN 60695-11-10 / IEC 60695-11-10
- VDE 0471 part 11-10
- CSA C 22.2

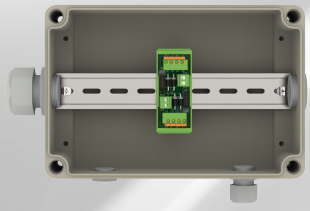
Ordering Information

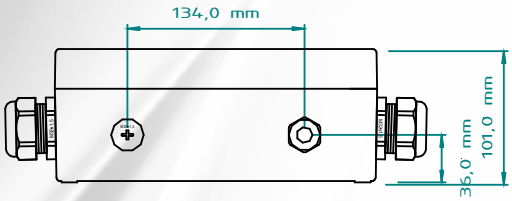
- Interconnection Box **CBO 20/0** — Art.-no.: **62-2001011-01-xx**
  to link two **SEC 20** sensor cables
- Connection Box **CBO 20/1** — Art.-no.: **62-2001011-02-xx**
  to link a **SEC 20** sensor cable with a **CC 20** connection cable
- Connection Box **CBO 20/3** — Art.-no.: **62-2001011-03-xx**
  to link up to three **SEC 20** sensor cables with up to two **CC 20** connection cables
- Connection Box **CBO 20-ESA** — Art.-no.: **62-2001011-04-xx**
  to link up to eight external sensors **ESA** with up to two **CC 20** connection cables
- Connection module **MOD 4** — Art.-no.: **M00355**
  to link up to four external sensors **ESA**, max. two connection modules **MOD 4** can be connected per **CBO 20-ESA**

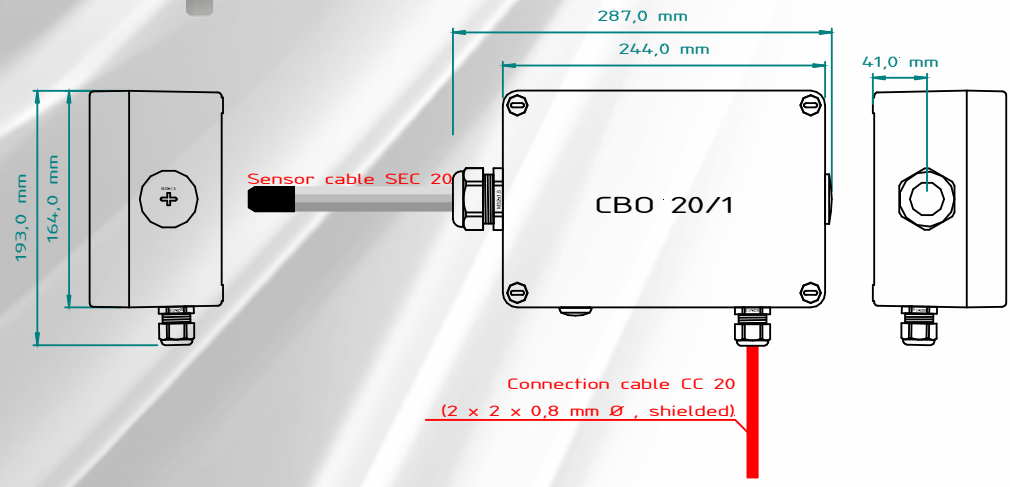
Scope of Delivery

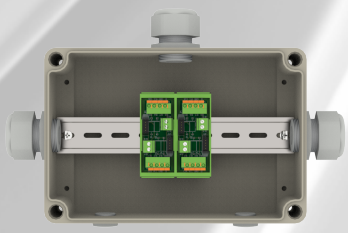
- **CBO 20/0**, including mounting materials, metric cable glands and connection materials
- **CBO 20/1**, including one connection module **CCM 3000_D**, mounting materials, metric cable glands and connection materials
- **CBO 20/3**, including two connection modules **CCM 3000**, mounting materials, metric cable glands and connection materials
- **CBO 20-ESA**,including mounting materials, metric cable glands and connection material, the **MOD 4** connection module must be ordered separately

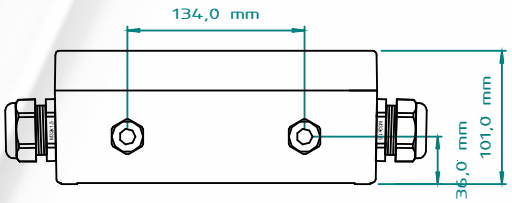
Connection schemes and Dimensions

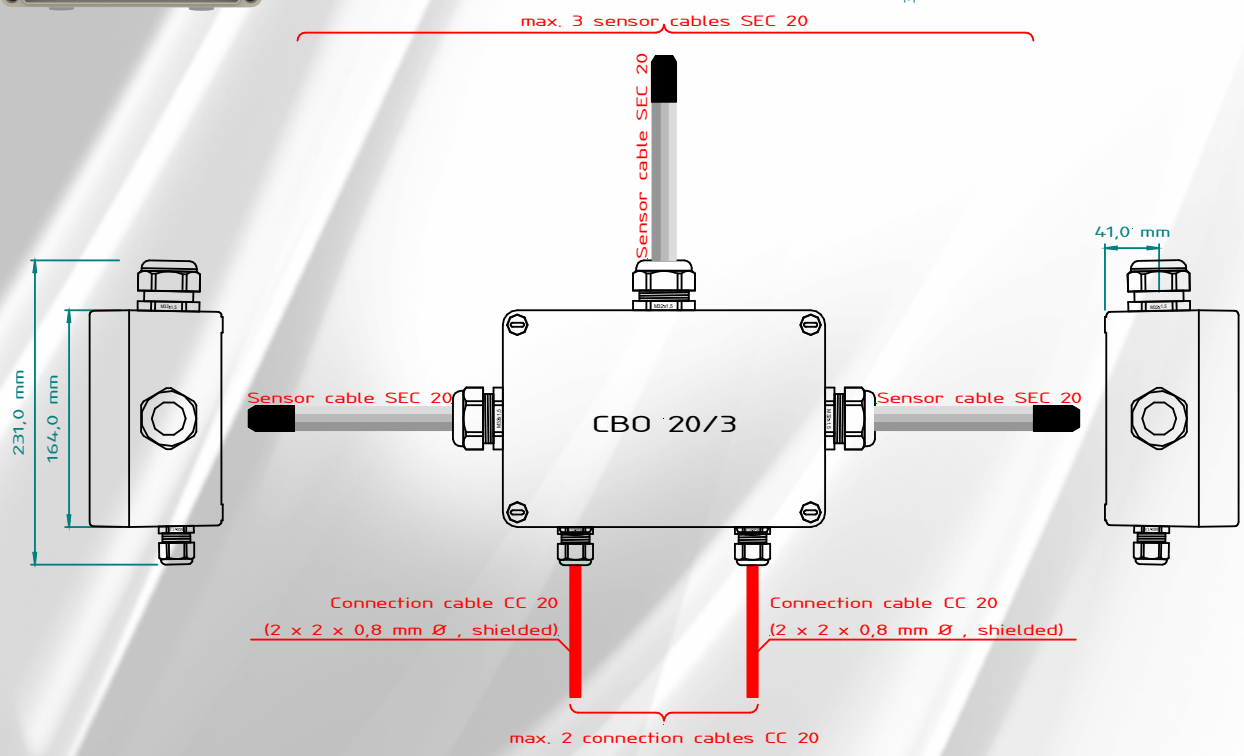


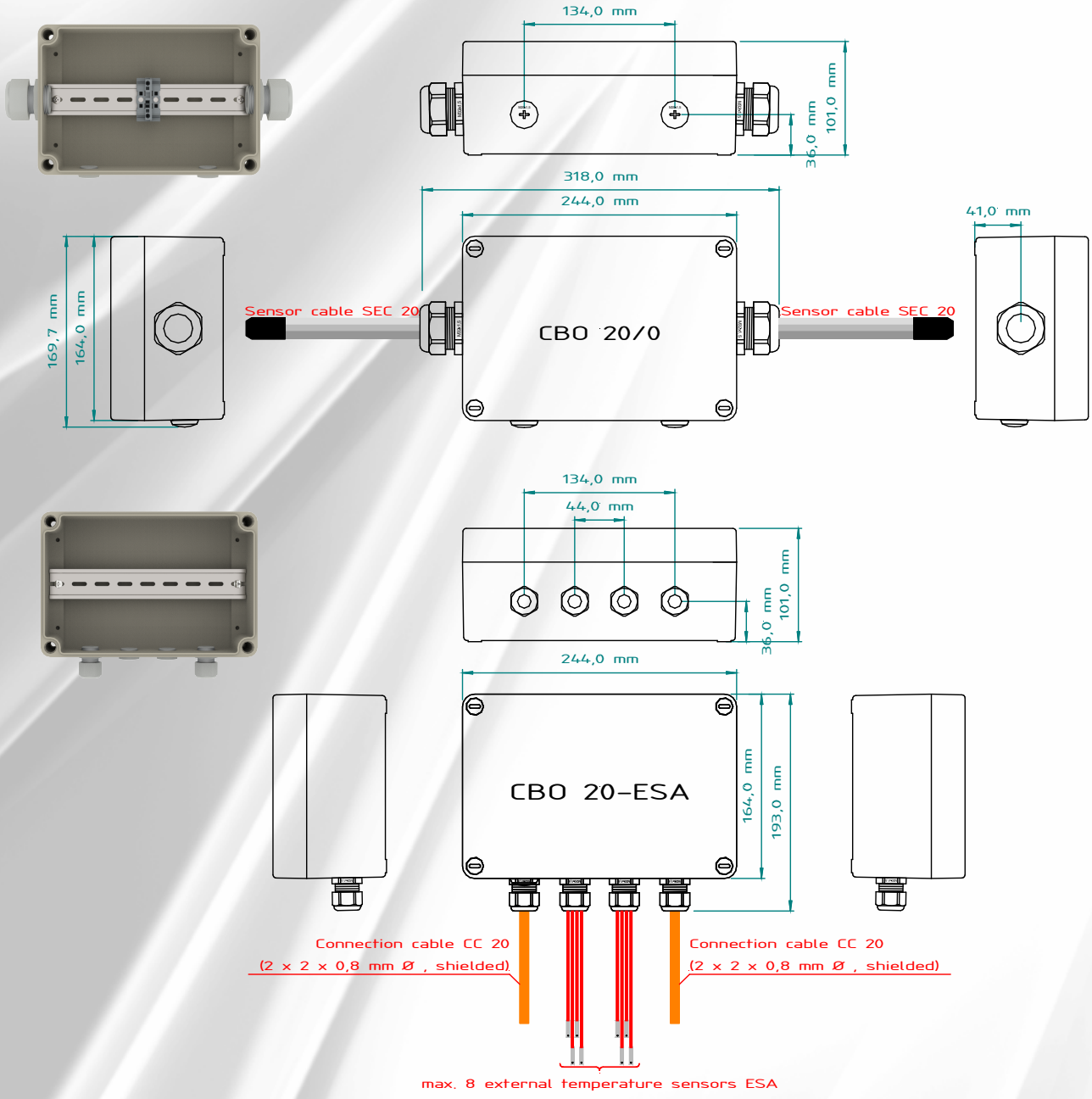












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