

Connection friendly – even in demanding conditions



IP65

Elegant design
.....
Dual entry concept
.....
Three sizes: S, M and L

The new Qbox surface-
mounted junction boxes for
moisture-prone areas

 **AGRO**
... your quality-connection

Where it gets wet, it is strong

Qbox benefits

Dual entry concept

Cable strain relief

Box lid screwed on

Increased operational safety
and reliability

Quick installation on cable
routes





AGRO is launching a new generation of surface-mounted junction boxes for moisture-prone and outdoor areas. Thanks to their innovative pressure balance element, the inside of the box remains dry, even in extreme conditions. With their elegant, uncomplicated design, they also look good in any application.

Applications

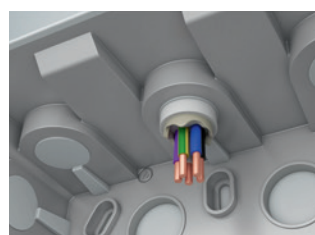
Our new surface-mounted junction boxes are used wherever environmental conditions can change quickly and frequently. Typical application areas include wet or moisture-prone rooms of all kinds and outdoor areas, where the housings are exposed to constant changes in temperature, humidity and air pressure as well as dirt and environmental influences. **This AGRO innovation shows its value wherever it is used.**

How it works

The new AGRO surface-mounted junction boxes of sizes M and L feature, as standard, an extra M12-threaded hole for a pressure balance element*. Its core is a membrane, which reliably resists penetration by water, oil and dirt while allowing gas molecules to pass through. This enables pressure differences and temperature fluctuations to be quickly and reliably balanced. As a result, the formation of condensation water inside the box has no chance.

New design

The elegant, reserved design of this new generation of AGRO surface-mounted junction boxes enables it to suit any style of architecture and to blend seamlessly into the overall picture.



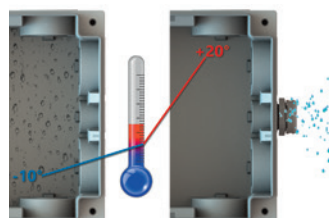
IP65 membrane entry
Entry of the cable through the membrane



Optionally with Syntec® IP65 cable gland
Entry of the cable through the Syntec® cable gland for additional cable strain relief



A quick balancing of pressure prevents the build-up of condensation water



The membrane repels water, oil and dirt while allowing gas molecules to pass through

Animation
of AGRO surface-mounted
junction boxes





AGRO surface-mounted junction box Size S

Without pressure balance element

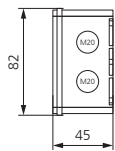
Art.-No. 9830

E-No. 152 030 308

82 x 82 x 45 mm

Size S: Optional 8x M20 Syntec® cable glands

Art.-No. 1555.20.08 or 1555.20.13



7 611614 322353

AGRO surface-mounted junction box Size M

With pressure balance element option*

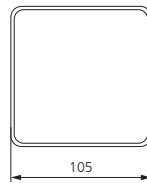
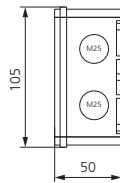
Item No. 9831

E-No. 152 031 308

105 x 105 x 50 mm

Size M: optional 8x M25 Syntec® cable glands Art.-

No. 1555.25.11 or 1555.25.17 + 1x M12 pressure balance element Art.No. 2455.12



7 611614 322384

AGRO surface-mounted junction box Size L

With pressure balance element option*

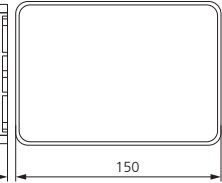
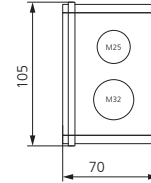
Art.-No. 9832

E-No. 152 032 308

105 x 150 x 70 mm

Size L: Optional 7x M25 Syntec® cable glands

Art.-No. 1555.25.11 or 1555.25.17 + 2x M32 Syntec® cable glands Art.-No. 1555.32.25 + 1x M12 pressure balance element Art.-No. 2455.12



7 611614 322391

* Optional pressure balance element



Art.-No. 2455.12

E-No. 126 245 400



7 611614 281377



M20; Clamping range 3.5 - 8.0

Art.-No. 1555.20.08

E-No. 121 752 608

EAN barcode 7611614230337

M20; Clamping range 7.0 - 13.0

Art.-No. 1555.20.13

E-No. 121 752 618

EAN barcode 7611614230320

M25; Clamping range 5.0 - 11.0

Art.-No. 1555.25.11

E-No. 121 752 708

EAN barcode 7611614230351

M25; Clamping range 10.0 - 17.0

Art.-No. 1555.25.17

E-No. 121 752 718

EAN barcode 7611614230344

M32; Clamping range 17.0 - 25.0

Art.-No. 1555.32.25

E-No. 121 756 819

EAN barcode 7611614078021

Qbox: Benefits and product characteristics

IP65-compliant

- Protection against splashing and sloshing of water from all directions (not suitable for use under water)
- Complete protection against accidental contact
- Protection against internal dust and dirt deposits

Pressure balance element

- Reliably prevents the formation of condensation in the box, even under extreme conditions
- Prevents short circuits and fault currents

Strong connection points

- Quick, easy and tidy installation on cable routes

Dual entry concept

- Allows entry of cables through membrane or cable gland

Robust box cover

- Screwed-on cover ensures it stays firmly in place even when the box is full
- Safety through protection against accidental contact and reliable sealing

Glow wire test 850 °C

- Safe installation in and on flammable materials without additional clarifications

Standards

EN 60670-1
EN 60670-22
IEC 60754-1
EN 60695-2-11

Certificates



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