

RELIABLY GOOD PERSPECTIVES.
FOR GATES, DOORS ... AND PEOPLE!

A profile that trumps all the others

All the benefits at a glance:

- Extreme sensitivity: 7.5 mm or 14 mm actuation travel at 200 mm/s
- Maximum switching sensitivity with lateral actuation starting from an angle of 180°
- Optimal ratio of overall height to compensation travel
- Easy, fast and reliable assembly
- No need to glue the switching chamber any more
- Good low-temperature flexibility through innovative EPDM and NBR blends
- Small bending radii possible
- TÜV certified according to:
2006/42/EC, EN 1760-2:2001 + A1:2009,
EN 12978:2003 + A1:2009, EN ISO 13849-1:2008
- IP ratings: IP66, IP67 and IP69K (DIN40050-9)
- Different overall heights and materials available
- Accessories: Optima-Plus connectors



GELBAU – WE STACK THE DECK IN YOUR FAVOUR.

When it comes to the reliability of gates, at Gelbau we brook no compromise. Our high quality standards apply seamlessly along the entire process chain. We conscientiously follow this integrated approach to quality in daily practice at the company. That's why the new Contact-Optima-Profile is the ideal choice.



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WE HAVE CHECKED OUT ALL THE RISKS FOR YOU AND
THE RESULT IS THE NEW CONTACT-OPTIMA-PROFILE.



MAKING SURE YOU'RE DEALT THE BEST HAND.
FOR THE PAST 40 YEARS.

BET ON A WINNING HAND.
EVEN DURING INSTALLATION.

ELIMINATE TRAP DOORS ONCE AND FOR ALL.
RELY ON THE GATEKEEPER TO SET THE STAGE.



Protecting people, perfecting pinch protection

We have consistently pursued these two objectives successfully for the past four decades. With technical innovations for state-of-the-art pinch protection systems and a genuine culture of service. And satisfied customers from the gate industry, machinery and plant construction, and scenery construction know it.

Now we're playing our newest card

With the new Contact-Optima-Profile, we set new standards once again. If our previous profiles were already exceptionally reliable, now the bar has been raised far beyond the prescribed standard. And we are also setting new standards in terms of the connectors: the innovative pressure concept underlying the Optima-Plus connectors has completely reshuffled the deck. It virtually eliminates the possibility of installation errors or chemical reactions.



Wherever gates constantly open and close, employees and forklift trucks pass, and hectic operations are the norm, the door has to function intelligently as a 'team player'. With the new Contact-Optima-Profile, the name says it all, because it provides optimal functionality.

Clear profile

The extended reaction angle makes the system extremely sensitive. In combination with the integrated switch contact in the foot, it ensures maximum reliability. This results in an extraordinarily short actuation travel of 7.5 mm or 14 mm at 200 mm/s and enables the system to switch already at an angle of 180°. And then there's also the optimal ratio of installed height to over-travel. A winning hand when it comes to aesthetics and reliability!

A reliable solution in just a few short steps

From the first step to the last, every phase of installation is completed quickly and precisely. It only takes a few minutes to make the pressure connection with the Optima-Plus connectors. From that moment on, the sensitive system stops the door instantly in reaction to any pressure.



Nothing could be easier

With its pressure connection, the Optima-Plus connectors are reliable and easy to install. That means better contact due to higher contact pressure. The only tools you need are commonly available at any construction site. With rapid assembly – that's how you play the Gelbau card!

Full house

The stakes are high, so play it safe and give your doors a new safety profile now. No matter how wide, high or complex your door construction may be: the new Contact-Optima-Profile always lets you play a new trump card with your customers. With an extremely broad range of overall heights and materials – a full house for your safety!

- 1 Cut out a strip on the upper edge of the compensation chamber. Also shorten the foot by the dimension of the end cap's circumferential edge.
- 2 Insert the blue inner section of the cap into the switching chamber. Push the cap on with the pins plugged into the copper wires. Tighten the screws gradually and alternately.
- 3 Install the rubber end cap, fasten it in place, and assembly is complete!

