



TIEFENBACH
CONTROL SYSTEMS GMBH

ASG 5 ₂₀₂₀







30%
less
production
costs


Real Time
Automation


Key component
of the TCS face
automation

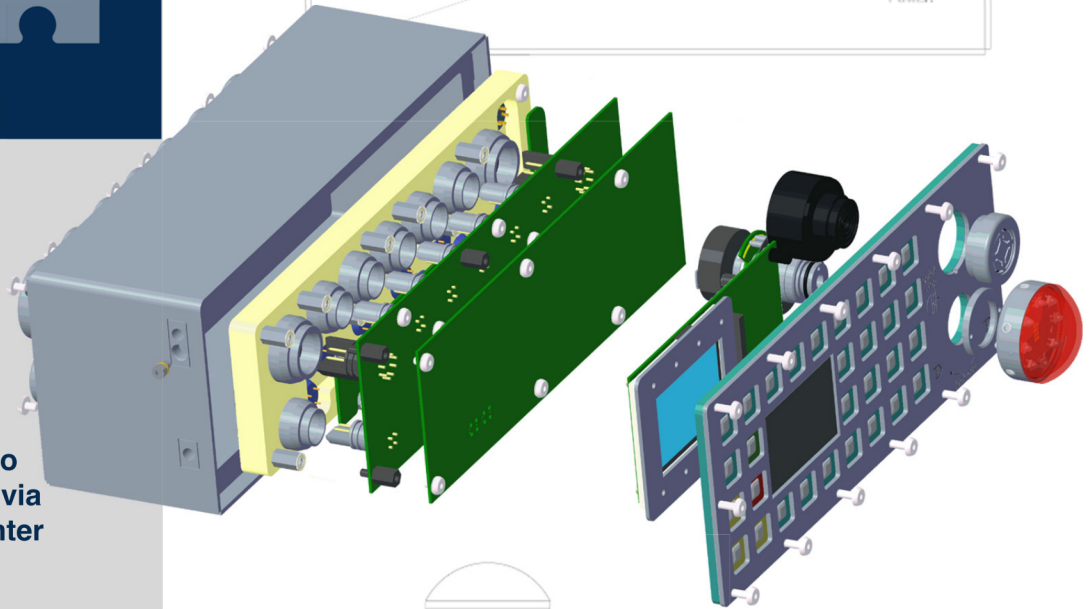
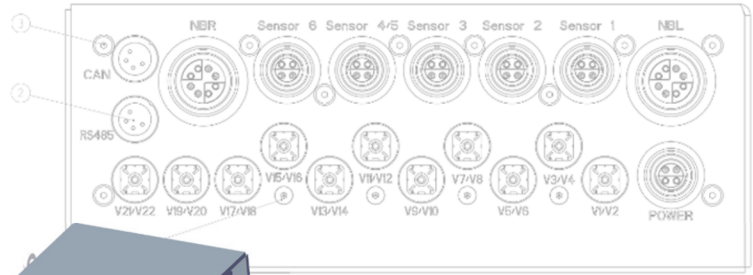
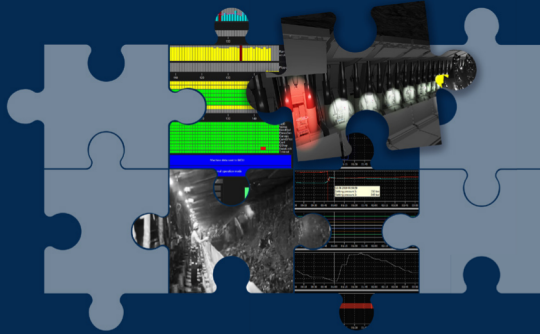
Your efficiency is our benchmark.

-  Intelligent and complete face automation
-  Control of the longwall from each support
-  Maximum efficiency of coal extraction
-  Longest service life

Key component of the TCS face automation



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Automation beyond the
ends of the longwall

3D visualisation of
the complete face

Remote control with radio
control unit, IS-Tablet or via
the remote operation center

Individual keyboard layouts
including programmable
softkeys

Caption of the complete shield
geometry by inclinometers

Facewide status overview
directly on the device

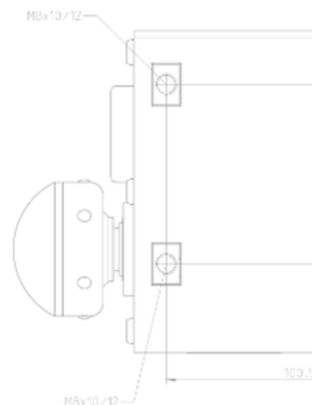
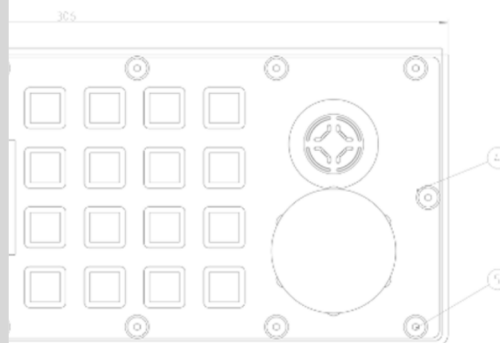
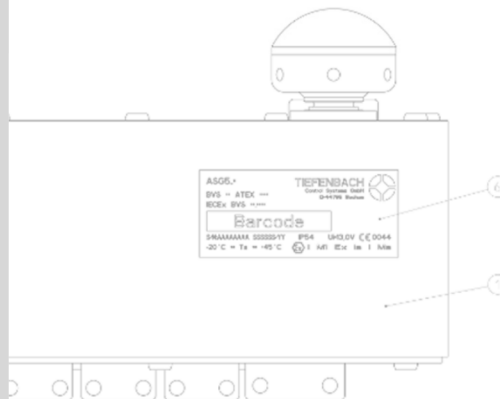
Integrated and automated
lifecycle management of
connected components

Multiple communication
systems

Latest interface technologies
for extensions

High data rate of the face
communication (comparable
to Ethernet)

Approvals: ATEX, IECEx, MA,
EAC, MSHA, BAS



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