



01885E00

Cable Glands

Series 8163 Ex d, Ex e

- Explosion protection to
 - CENELEC
 - IEC
- For use in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- Ex d and Ex e versions
- Versions for
 - unarmoured
 - Single Wire Armour (SWA)
 - Steel Tape Armour (STA)
 - Wire Braid Armour

STAHL

These cable glands are particularly suited to armoured cables used mainly in areas where British Standards apply.

The new cable gland Series 8163 are available for non-armoured and all for all types of armoured & braided cables. They fulfil all requirements of the European ATEX-directives and of the relevant IEC and British Standards. Their modular design allows exact adjustment to the respective cable construction.

In addition on the normal sealing of the cable sheath, secure clamping of the armouring is essential since this armouring is used, not only for mechanical protection, but also contributes to the electrical protection. If the armouring becomes „live“ it works as a protection or earthing conductor and must, therefore, be connected reliably to the protective conductor system via the cable gland.

These cable glands are available „Ex“ equipment in both „increased safety“ and „flameproof“ enclosures.

Zones 1 & 2, 21 & 22

Cable Gland Selection							
Cable Gland Size	Cable Type					Certification	
	Armoured		SWA Lead Sheathed	Braided	Unarmoured	Flameproof Type „d“	Increased Safety Type „e“
SWA	STA						
CWe	X						X
CXe				X			X
C2K	X	X		X			X
A2F					X	X	X
E1FW	X					X	X
E2FW	X		X			X	X
E1FXZ		X		X		X	X
E1FU	X	X		X		X	X
E2FU	X	X	X			X	X
T3CDS	X	X		X		X	X
PX2K	X	X		X		X	X
PXSS2K					X	X	X

For the correct cable gland selection take note of EN 60079-14, 10.4.2!

