

Terminal units for medical gases

British standard BS 5682



D-34039-2011

The development and implementation of a Dräger terminal unit with specifications in accordance with the British standard BS 5682 takes advantage of the decades of experience and proven design of our DIN terminal units.

Based on field-proven Dräger block assembly groups -first fixes-, this terminal unit can also be used in conjunction with all standard installation configurations.

In addition to the reliable Dräger block assembly groups, Dräger standard cover plates were also included in the terminal design, which serves to promote the typical Dräger appearance.

The units are constructed from robust materials, including fibreglass-reinforced plastic. All gas-carrying elements are made of metal. The carefully chosen construction materials guarantee an extended lifespan.

STRUCTURAL CHARACTERISTICS

- Installation versions:
 - Flush / surface /supply units for wall and ceiling
- Corrosion-free thanks to robust construction and material compatibility (fibreglass reinforced plastic/metal)
- Gas type-specific coding of all relevant assembly groups for a secure connection
- Quick installation through compact assembly groups
- Installation arrangements for pipeline leads from top and bottom
- Variable plaster compensation of up to 20 mm
- Gas type identification acc. to ISO 32 with symbolic labeling acc. to ISO 9170-1
- Maintenance of plug-in coupling without interruption of hospital operations
- Fulfills all requirements of ISO 9170-1 as well as BS 5682 dimensions



D-34019-2011

Terminal unit for conventional wall systems with square cover plate



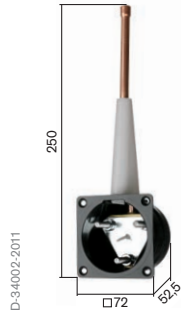
D-34018-2011

Terminal unit for hollow wall systems with round cover plate

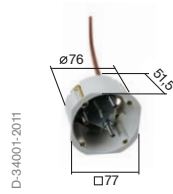


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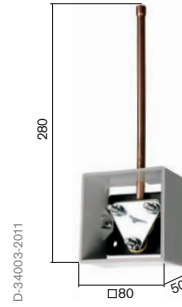
Release bushings with ISO 32 color coding



Wall box G21115
Flush - for brick walls



Wall box G21590
Flush - for hollow walls



Wall box G21124
Surface - for all wall systems

All dimensions in millimeter.

TECHNICAL DATA

	Compressed gas terminal unit	Vacuum terminal unit
Oper. pressure (O ₂ , AIR 400, N ₂ O) acc. to DIN EN ISO 7396-1	4 ⁺¹ bar	=< 0,60 bar abs.
Oper. pressure (AIR 700) acc. to DIN EN ISO 7396-1	8 ^{+2/-1} bar.	
Flow rate (O ₂ , AIR 400, N ₂ O) acc. to DIN EN ISO 7396-1	40 NL/min	25 NL/min
Flow rate (AIR 700) acc. to DIN EN ISO 7396-1	350 NL/min	
Interlocking	single-stage	single-stage
Connection to piping network	copper pipe 8 x 1	copper pipe 8 x 1
Plaster compensation	0-20 mm, infinitely variable	0-20 mm, infinitely variable

ORDER INFORMATION

	Plug-in coupling	Release bushing	Cover Plate	
			square	round*
O ₂	G21839	G21849	G20520	G21595
AIR 400	G21840	G21850	G20520	G21595
N ₂ O	G21841	G21851	G20520	G21595
VAC	G21843	G21853	G20520	G21595
AIR 700	G21848	G21858	G20520	G21595
	Hollow wall	Surface	Flush	
Wall box	G21590	G21124	G21115	

* For hollow wall systems

CORPORATE HEADQUARTERS

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As of August 2015:

Dräger Medical GmbH changes to
Drägerwerk AG & Co. KGaA.

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