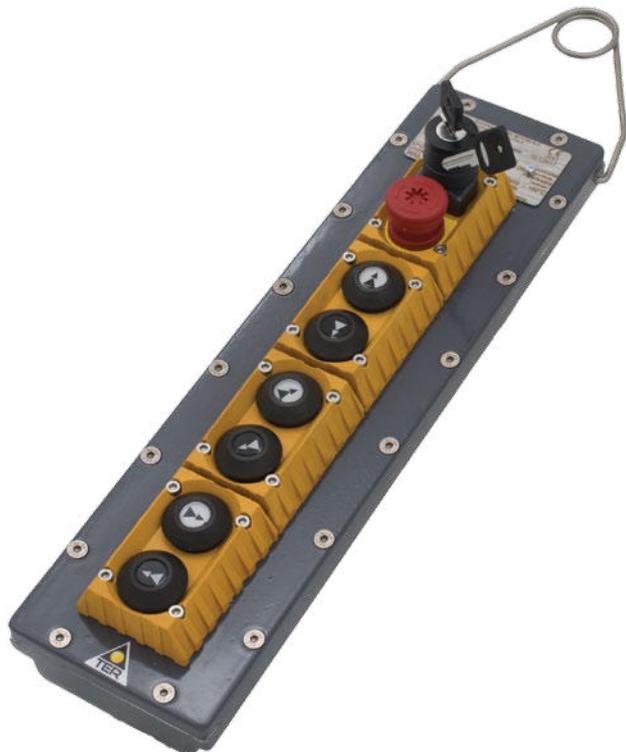


MIKE-X

HAZARDOUS AREAS

Pendant control station



Explosion proof pendant control station for auxiliary control. Rugged, sturdy and easy to handle, Mike-X is designed for heavy industry in potentially explosive areas.

FEATURES

- Pendant control station for use in industrial areas and hazardous locations for ATEX and IECEx zones 1, 2, 21, 22.
- Reduced installation and wiring time and costs: the optimized internal space enables easy and quick wiring.
- IP protection degree: Mike-X is classified IP65.
- Extreme temperature resistance: -20°C to +60°C and -50° C to +60°C only for EAC certificated versions.
- It features solid but light weight body made of powder epoxy painted aluminum or stainless steel AISI 316 (optional), resistant to temperature changes.
- All materials and components used are shock and wear resistant and guarantee protection of the unit against water, dust and oils.

OPTIONS

- Available in configurations from 4 to 16 actuators.
- 1 or 2 speed switches with NO or NC contacts.
- Mechanical interlock to prevent simultaneous operation of opposite functions.
- Connecting bridges to reduce wiring time.
- It can be equipped with thermal protectors and resistances as anti-condensation heaters (max. power 24W).

CERTIFICATIONS

- CE marking and EAC* certification.
- Conformity to ATEX Standards EN 60079-0:2012, EN 60079-1:2014, EN 60079-31:2014.
- Conformity to IECEx Standards IEC 60079-0:2012, IEC 60079-1:2014, IEC 60079-31:2013.

Fill in the "request form" to configure properly the product.

UK Distributor



Tel: 0115 932 7010 | Email: sales@metreel.co.uk
www.metreel.co.uk

The data and the products illustrated in this brochure may be modified without notice. Under no circumstances can their description have a contractual value.

* Not available on all versions.

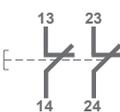
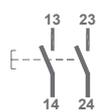
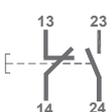
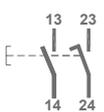
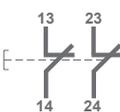
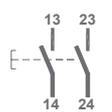
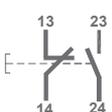
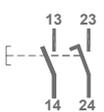
CERTIFICATIONS

Conformity to Atex Standards	EN 60079-0:2012 Explosive atmospheres – Equipment – General requirements
	EN 60079-1:2014 Explosive atmospheres – Equipment protection by flameproof enclosures “d”
	EN 60079-31:2014 Explosive atmospheres – Equipment dust ignition protection by enclosures “t”
Conformity to IECEx Standards	IEC 60079-0:2012 Explosive atmospheres – Equipment – General requirements
	IEC 60079-1:2014 Explosive atmospheres – Equipment protection by flameproof enclosures “d”
	IEC 60079-31:2013 Explosive atmospheres – Equipment dust ignition protection by enclosures “t”
Atex Certification	ITS16ATEX101535X
IECEX Certification	ITS 16.0070X
Atex Protection Type	II 2 G Ex db IIC T6 Gb
	II 2 D Ex tb IIIC T85°C Db
	Tamb: -20°C to +60°C
IECEX Protection Type	Ex db IIC T6 Gb
	Ex tb IIIC T85°C Db
	Tamb: -20°C to +60°C
Markings and homologations	CE  IEC IECEX EAL**

GENERAL TECHNICAL SPECIFICATIONS

Operational ambient temperature	-20°C/+60°C
	-50°C/+60°C (for EAC certificated versions)
IP protection degree	IP 65
Cable entry*	M25 x 1.5
	M32 x 1.5

TECHNICAL SPECIFICATIONS OF THE SWITCHES

Rated operational current	Max 250 Vdc / 1.1 A					
	Max 240 Vac / 3 A					
Rated frequency	50/60 Hz					
Wires	Min 0.75 mm ² - Max 2 mm ² (ATEX and IEC Ex)					
Anti-moisture heater (optional)	Maximum power 24W					
Tipo interruttore	1 speed	1 speed	1 speed	1 speed	1 speed	2 speeds
Contacts	1NC (positive opening operation NC contacts )	1NO	2NC (positive opening operation NC contacts )	2NO	1NO+1NC (positive opening operation NC contacts )	2NO
						
Scheme						
Markings and homologations	CE					

OPTIONALS

Anti-condensation heater
Stainless steel AISI 316 version

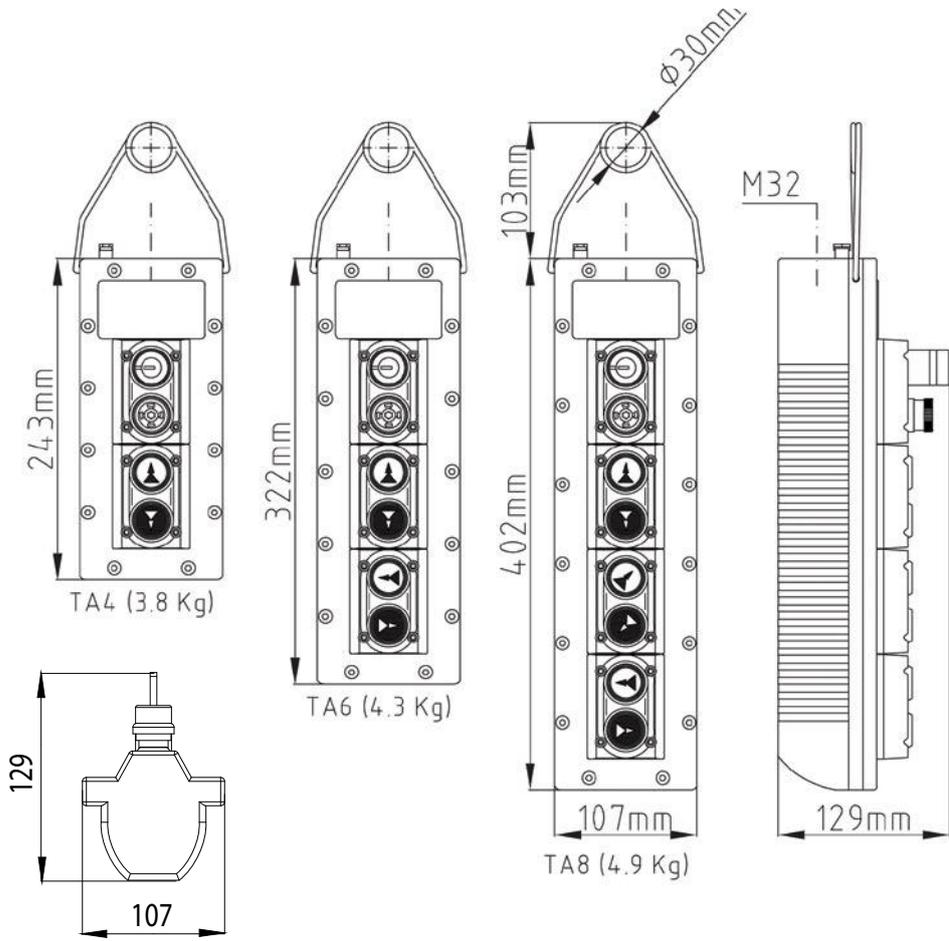
* Threading must guarantee minimum 5 complete threads.

All the devices for cable entry (conduits, cable clamps, adapters) must be certified with minimum certification level as per valid certification of the pendant station.

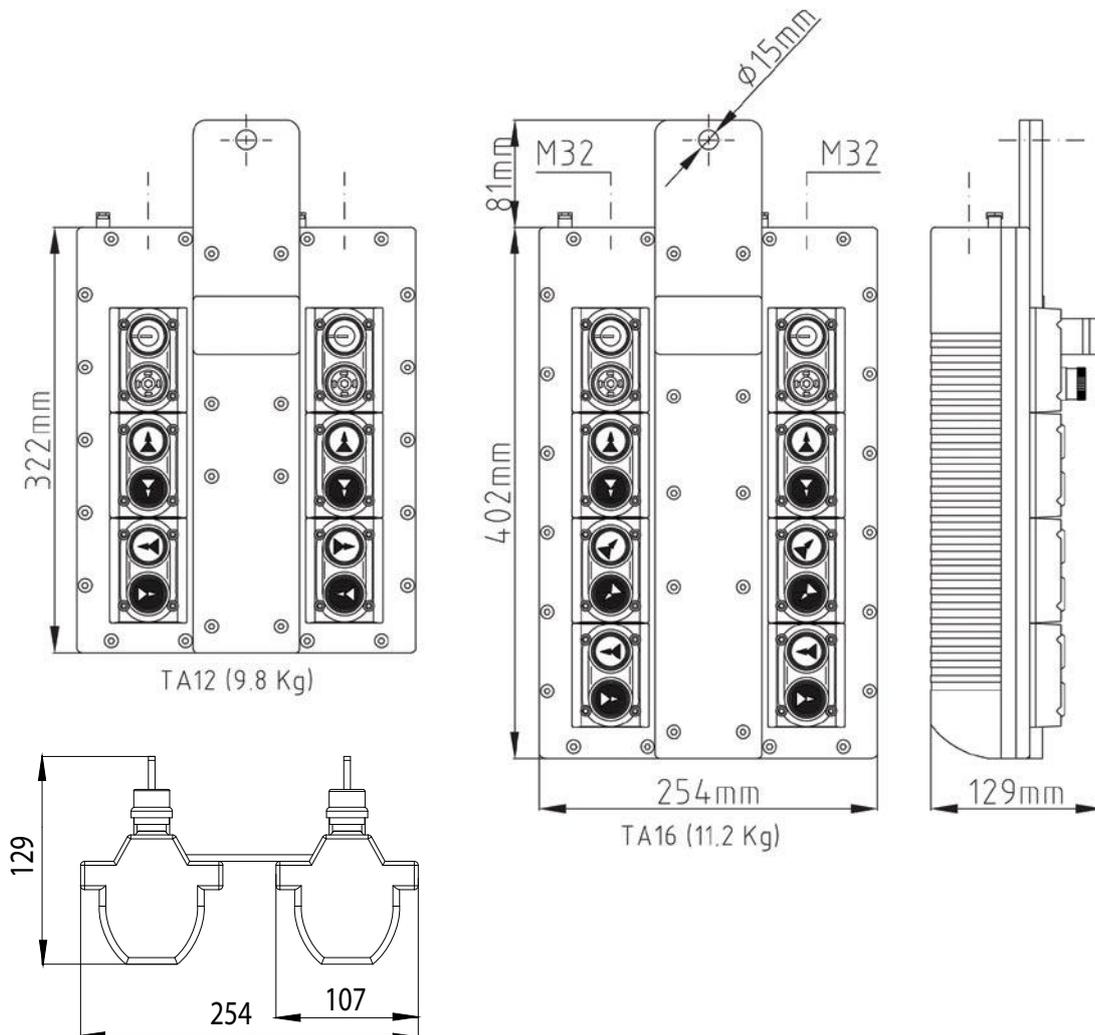
** Not available on all versions.

OVERALL DIMENSIONS (mm)

Simple



Double



MIKE-X - REQUEST FORM FOR CONTROL STATION

Instructions

Fill in the chart according to the following instructions:

- 1 Protection:** tick the box to accept the type of protection provided.
- 2 EAC certified:** tick the box if you require EAC certified units. ATTENTION: for the EAC certificated version the anti-condensation heater is mandatory.
- 3 Control station:** tick the box corresponding to the type of control station required (simple or double).
- 4 Control elements:** enter in the broken-line box the number corresponding to the control element required (from **1** to **25**) according to the legend.
If you choose **buttons with arrows**, mark the direction of the arrow into the corresponding box. Eg.
- ATTENTION: opposite functions (eg. up /down) must be vertically coupled in columns and they are provided with mechanical interlock.
- 5 Switches:** enter the number corresponding to the switch required (from **30** to **35**) according to the legend.
- 6 Cable entry:** tick the box corresponding to type of cable entry required.
- 7 Optionals:** tick the box corresponding to the eventual optionals required.

Protection **1**

Tick the box to accept the type of protection provided.

ATEX II 2 G Ex db IIC T6 Gb
II 2 D Ex tb IIIC T85°C Db
IECEX Ex db IIC T6 Gb
Ex tb IIIC T85°C Db

EAC certified **2**

(version suitable for temperature from -50° C to +60°C)

Control station **3**

- 4 - 8 actuators: simple control station
 12 - 16 actuators: double control station

Control elements **4**

- 1** Emergency stop mushroom pushbutton
2 Selector switch - 2 maintained positions 0/1
3 Key selector switch - 3 positions 1/0/2 (1/0 maintained - 0/2 spring return)

GREEN	4	8	12	16	20	24
RED	5	9	13	17	21	25
YELLOW	6	10	14	18	22	26
GREEN	7	11	15	19	23	27

Switches **5**

- | | |
|-------------------------|-----------------------------|
| 30 1NC - 1 speed | 33 2NO - 1 speed |
| 31 1NO - 1 speed | 34 1NO+1NC - 1 speed |
| 32 2NC - 1 speed | 35 2NO - 2 speeds |

Cable entry **6**

- M25 x 1,5 M32 x 1,5

Optionals **7**

- Anti-condensation heater
 Stainless steel AISI 316 version

Switches	<input type="checkbox"/>	<input type="checkbox"/>	Opposite functions (vertically coupled)	Switches	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	Opposite functions (vertically coupled)		<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	Opposite functions (vertically coupled)		<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	Opposite functions (vertically coupled)		<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	Opposite functions (vertically coupled)		<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	Opposite functions (vertically coupled)		<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	Opposite functions (vertically coupled)		<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	Opposite functions (vertically coupled)		<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	Opposite functions (vertically coupled)		<input type="checkbox"/>

4 - 8 actuators simple control station singola

12 - 16 actuators double control station