



JHBEX

Heating Block for Ex Zones



APPLICATION

- Installation in Ex zone 1 and Ex zone 2
- Heating of pipes in Ex zone
- Heating of valves in Ex zone

BENEFITS

- No temperature controller or safety device needed
- Heating of Ex zone 0, if heating block is installed in Ex zone 1

FEATURES

- JHBEX options for T2, T3 and T4
- Protection class for gas and dust
- Ex db & Ex tb ATEX & IECEx & KCs certificates



TECHNICAL DATA

Model

JHBEX

Description	heating block for Ex zones
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Operation

Maximum temperature	135°....300 °C [275°....572 °F]
Permissible ambient temperature	−60°....150 °C [−76°....302 °F]
Protection class	IP68

Construction

Dimensions over all (W x H x D)	445 x 29/35 x 33 mm [17.5 x 1.14/1.38 x 1.3 in] without cable
Weight	0.4 kg [0.9 lbs]
Mounting position	heat transfer surface full-surface contact with mechanically firm contact / any
Body material	aluminum
Housing color	yellow
Heating element	PTC heating element
Type of protection	flameproof enclosure
Approval / Sign	IECEx, ATEX, KCs, PESO

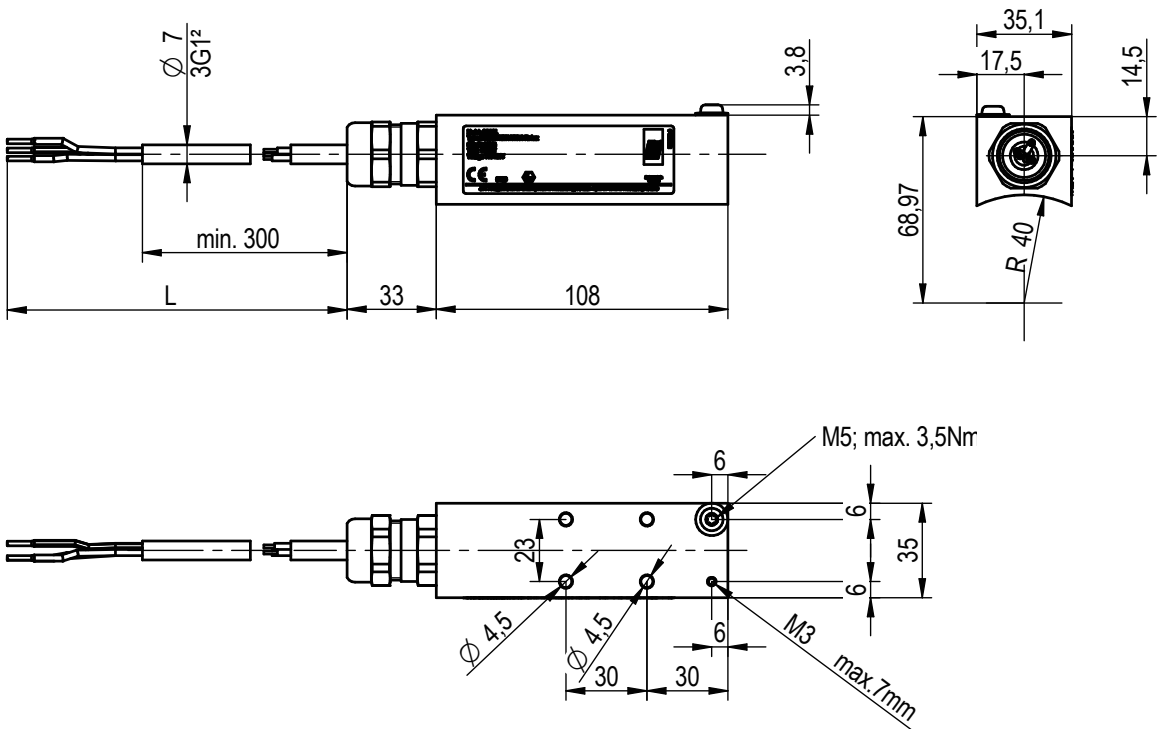
Electrics

Power supply	115....230 VAC +/-10 %, 50/60 Hz
Power consumption	30 W...200 W
Inrush current	< 2 A
Fusing	on site, fuse characteristic C 230 VAC 6A; 115 VAC 10A
Cable minimum bend radius	occasional flexing: 55 mm [2.17 in] fixed installation: 29 mm [1.14 in]
Cable diameter	OD 7 mm [OD 0.28 in], 3 x 1 mm ²

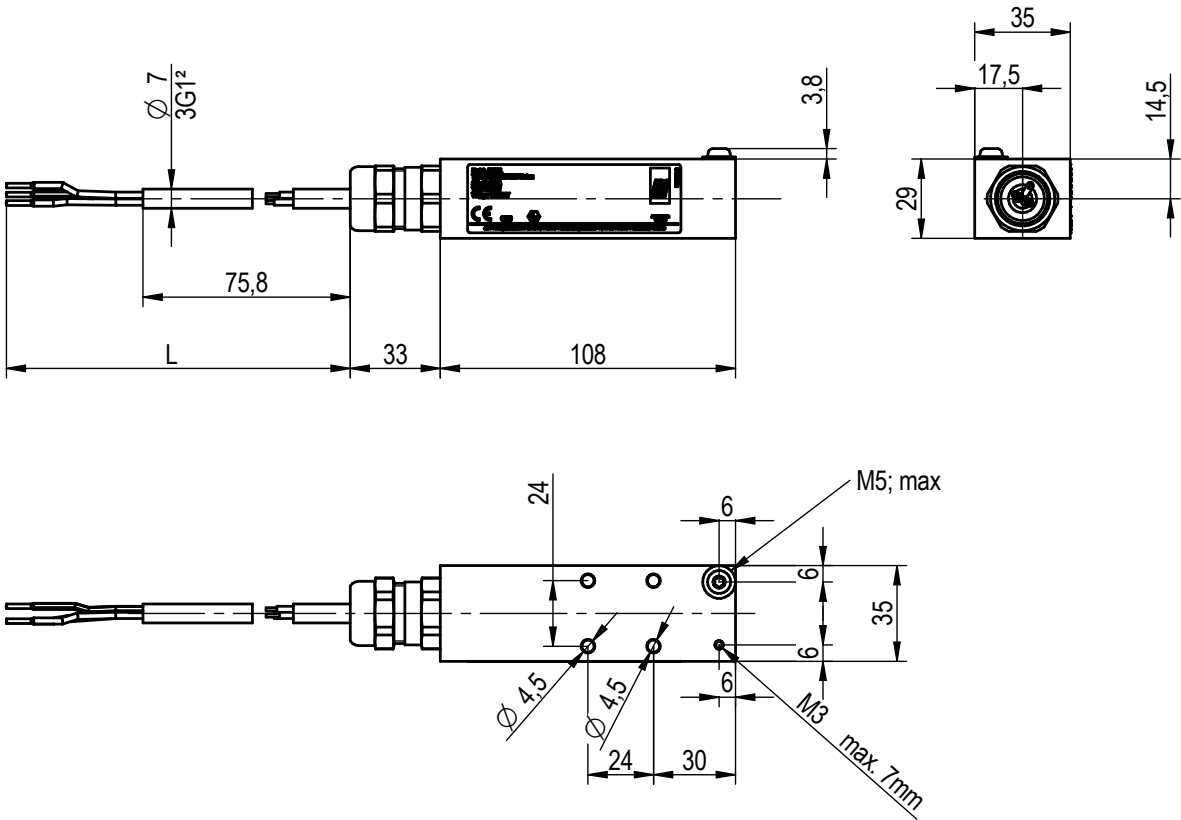
DIMENSIONS

dimensions in mm

Heating block with round heat transfer surface
Mounting position for external low or high temperature contact (M3 thread)



Heating block with flat heat transfer surface



ORDER CODE

AVAILABLE FEATURES

Number of channels	temperature class T2 / T300 °C	300				
	temperature class T230 °C (T2) / T230°C; T2C (NEC)	230				
	temperature class T3 / T200 °C	200				
	temperature class T4 / T135 °C	135				
Affect into	zone 0 (20)		0			
	zone 0 (20)		1			
	zone 0 (20)		2			
Mounting surface	round			R		
	flat			F		
Mounting	without mounting holes				0	
	2 mounting holes				2	
	4 mounting holes				4	
	ANSI/SA-SP76 standard				6	
Cable length	3 m				L1	
	10 m				L2	
Cable gland	for armoured conduit					0

Order Code

JHBEX.

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