

ExJResisTel Explosion-proof analogue telephone

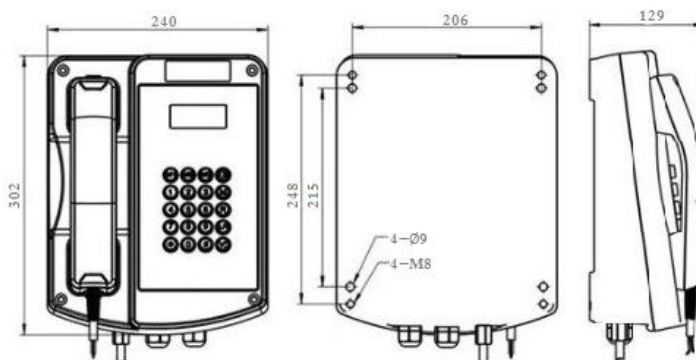
- The JREX106 Analog explosion proof telephone are designed to provide safe, reliable communication in hazardous areas –zone 1, 2, 21, 22
- Degree of protection IP 66 & impact resistance IK09
- The housing is made of impact and shock-resistant GRP and even resistant to acids, alkali and lubricants
- For Refineries, Power Generation Facilities, Chemical Plants applications
- Large urethane coated watertight keypad
- Programmable with alphanumeric display
- Housing colours black, red, yellow
- Models with or without keypad/display available as hotline telephone

II 2G Ex e ib [ib] mb IIC T4 Gb

II 2D Ex ib [ib] tb IIIC T135 °Db

$C \leq T_a \leq +60^{\circ}\text{C}/+40^{\circ}\text{C}^{\circ} 40-$

Zone 1,2,22



SPECIFICATIONS

Dialling method Dialling method LD and DTNF (switchable)

Power Supply: Line powered i.e. drawn from telephone line
It doesn't require any external AC Supply

Tone ringing volume Max. approx. 90dB(A) in 1 m distance

Transportation/storage temperature $-40^{\circ}\text{C}/+70^{\circ}\text{C}$

Housing High Impact Glass fibre-reinforced polyester (black, red, yellow)

Cable entry 2xM20 Cable Gland Entry Points

Connection technology up to 4 mm² rigid, up to 2.5 mm² flexible

Operating temperature -25°C bis $+60^{\circ}\text{C}$ (T4)

Degree of protection IP66 according to EN60529

Impact resistance IK 09 according to EN50102

Approval ECM 0B170629 ATEX / IECEx EUT 17.0011X

Technology analogue

Keypad stainless steel keypad 20-piece,

Wiring Access 2xM20 Cable Gland Entry Points

Noise suppression Noise canceling microphone

Supply voltage 24 V DC-66 V DC

M.T.B.F. In excess of 50,000 hours using

Ringing alternating (Max. approx. 90dB(A) in 1 m distance 30 V AC-90 V

Pulse/Pause ratio programmable 60/40ms 1.5:1

Flash time 300ms set as default 100ms-900ms can be programmed

Enquiry key Flash function can be adjusted from 40 ms-399 ms

W conductor Option to connect external call signalling sounder

Weight 6.5 Kg

Display Back-lit LCD display-2 line x15 character: English
128x 64 pixels

Mouthpiece Electret microphone

Receiver Hearing Aid Compatible (HAC)

Stabiliser bracket

Handset cord Heavy duty curly handset cord or vandal resistant armored

Bracket vertical wall mounting or table mounting

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ORDER DATA

Type	Keypad	Display	Housing colour	
			black	red
JREX106	with keypad	with display	410 010 000	410 010 100
JREX106ZB	without keypad	without display	410 020 000	410 020 100



AS1



VS1



mTCR



TH1

ACCESSORIES

Type	Type of accessory	Colour	Housing material	Weight	Order number
AS1	Explosion-proof audible telephone call signalling sounder			500 g	410 100 004
VS1	Explosion-proof visual-audible signalling sounder	black (RAL 9005)orange		1,42 kg	410 101 005
		black (RAL 9005)red		1,42 kg	410 102 005
		black (RAL 9005)clear		1,42 kg	410 104 005
		black (RAL 9005)blue		1,42 kg	410 105 005
		black (RAL 9005)green		1,42 kg	410 106 005
mTCR	Explosion-proof telephone connecting relay			1,1 kg	410 100 100
TH1	Telephone sound protection hood	yellow (RAL 1023)	PVC – plastic (UV and weather-resistant)	30 kg	410 100 012
			glass-fibre-reinforced plastic (GFRP)	40 kg	410 100 008
			Console (sheet steel, powder-coated)	17 kg	410 100 011
			Metal	35 kg	410 100 006
		red (RAL 3020)	PVC – plastic (UV and weather-resistant)	30 kg	410 100 014
			glass-fibre-reinforced plastic (GFRP)	40 kg	410 100 015
			Metal	35 kg	410 100 009
		orange (RAL 2000)	PVC – plastic (UV and weather-resistant)	30 kg	410 100 013
			glass-fibre-reinforced plastic (GFRP)	40 kg	410 100 007
		Stainless steel	Stainless steel	40 kg	410 100 010
		yellow	Stainless steel	3,5 g	410 100 020
			PVC – plastic (UV and weather-resistant)	3,5 g	410 100 030