

## Xesar cylinder | Cam lock cylinder MB19









## **Product description**

The Xesar cam lock cylinder can be used both in metal and in wood installation situation in indoor and outdoor areas and it is delivered with a thread (19 mm diameter) and a nut.

## **Technical information**

FinishNI - nickel   NP - polished nickel   MP - polished brassElongated outside thumbturn axisAV05 - 5 mm   AV10 - 10 mm   AV15 - 15 mmLocking rotationST[A-H] - Locking rotation A-HCamH[XX][A] - cam for sheet metal boxes and display cabinets   HB[XX][A] - cam for post box systems   HB01[A][B] - horizontal cam HB01[A][B]   0SN - Without camCylinder length23 mmSecurity featuresFixed cam   Blocking thumbturn to prevent manipulation   Rated brake point on the outside thumbturn   Engages only if authorised   Event log   Plug pulling protection   AES encryptionStandards and guidelinesCE-certified   IP65 protectionTechnical installation situationInside and outside doors with maximum security requirements and subject to tough weather conditions. With FVS fixed cam function as standardCompatible identification technologiesMIFARE DESFire EV1 + EV2Battery2 CR2 lithium batteries   Up to 70.000 cyclesSignalsVisual + audibleConditions of useAmbient temperature range: -20°C to +55°C (depending on the battery)   Humidity < 90 %, non- condensing   For 100,000 cycles   Minimum backset 35 mm, IP65 protectionEvent protocolLast 1,000 eventsInterfacesConnection to Xesar tablet   BLEIncluded componentsXesar cylinder   Cylinder mounting nut   2 CR2 lithium batteries   Assembly manual   Important informationProduct codeE.X.HB.MB19.23.[Finish].FVS.[Elongated outside thumbturn axis].[Locking rotation].[Cam]ExampleE.X.HB.MB19.23.NI.FVS.AV05.STA.H7233	recnnical information	
axisLocking rotationST[A-H] - Locking rotation A-HCamH[XX][A] - cam for sheet metal boxes and display cabinets   HB[XX][A] - cam for post box systems   HB01[A][B] - horizontal cam HB01[A][B]   0SN - Without camCylinder length23 mmSecurity featuresFixed cam   Blocking thumbturn to prevent manipulation   Rated brake point on the outside thumbturn   Engages only if authorised   Event log   Plug pulling protection   AES encryptionStandards and guidelinesCE-certified   IP65 protectionTechnical installation situationInside and outside doors with maximum security requirements and subject to tough weather conditions. With FVS fixed cam function as standardCompatible identification technologiesMIFARE DESFire EV1 + EV2Battery2 CR2 lithium batteries   Up to 70.000 cyclesSignalsVisual + audibleConditions of useAmbient temperature range: -20 °C to +55 °C (depending on the battery)   Humidity < 90 %, non- condensing   For 100,000 cycles   Minimum backset 35 mm, IP65 protectionEvent protocolLast 1,000 eventsInterfacesConnection to Xesar tablet   BLEIncluded componentsXesar cylinder   Cylinder mounting nut   2 CR2 lithium batteries   Assembly manual   Important informationProduct codeE.X.HB.MB19.23.[Finish].FVS.[Elongated outside thumbturn axis].[Locking rotation].[Cam]	Finish	NI – nickel   NP – polished nickel   MP – polished brass
Cam H[XX][A] - cam for sheet metal boxes and display cabinets   HB[XX][A] - cam for post box systems   HB01[A][B]   0SN - Without cam   Cylinder length 23 mm   Security features Fixed cam   Blocking thumbturn to prevent manipulation   Rated brake point on the outside thumbturn   Engages only if authorised   Event log   Plug pulling protection   AES encryption   Standards and guidelines CE-certified   IP65 protection   Technical installation situation Inside and outside doors with maximum security requirements and subject to tough weather conditions. With FVS fixed cam function as standard   Compatible identification technologies MIFARE DESFire EV1 + EV2   Battery 2 CR2 lithium batteries   Up to 70.000 cycles   Signals Visual + audible   Conditions of use Ambient temperature range: -20°C to +55°C (depending on the battery)   Humidity < 90 %, non-condensing   For 100,000 cycles   Minimum backset 35 mm, IP65 protection		AV05 – 5 mm   AV10 – 10 mm   AV15 – 15 mm
cabinets   HB[XX][A] - cam for post box systems   HB01[A][B] - horizontal cam HB01[A][B]   0SN - Without camCylinder length23 mmSecurity featuresFixed cam   Blocking thumbturn to prevent manipulation   Rated brake point on the outside thumbturn   Engages only if authorised   Event log   Plug pulling protection   AES encryptionStandards and guidelinesCE-certified   IP65 protectionTechnical installation situationInside and outside doors with maximum security requirements and subject to tough weather conditions. With FVS fixed cam function as standardCompatible identification technologiesMIFARE DESFire EV1 + EV2Battery2 CR2 lithium batteries   Up to 70.000 cyclesSignalsVisual + audibleConditions of useAmbient temperature range: -20°C to +55°C (depending on the battery)   Humidity < 90 %, non- condensing   For 100,000 cycles   Minimum backset 35 mm, IP65 protectionEvent protocolLast 1,000 eventsInterfacesConnection to Xesar tablet   BLEIncluded componentsXesar cylinder   Cylinder mounting nut   2 CR2 lithium batteries   Assembly manual   Important informationProduct codeE.X.HB.MB19.23.[Finish].FVS.[Elongated outside thumbturn axis].[Locking rotation].[Cam]	Locking rotation	ST[A-H] - Locking rotation A-H
Security featuresFixed cam   Blocking thumbturn to prevent manipulation   Rated brake point on the outside thumbturn   Engages only if authorised   Event log   Plug pulling protection   AES encryptionStandards and guidelinesCE-certified   IP65 protectionTechnical installation situationInside and outside doors with maximum security requirements and subject to tough weather conditions. With FVS fixed cam function as standardCompatible identification technologiesMIFARE DESFire EV1 + EV2Battery2 CR2 lithium batteries   Up to 70.000 cyclesSignalsVisual + audibleConditions of useAmbient temperature range: -20°C to +55°C (depending on the battery)   Humidity < 90 %, non- condensing   For 100,000 cycles   Minimum backset 35 mm, IP65 protectionEvent protocolLast 1,000 eventsInterfacesConnection to Xesar tablet   BLEIncluded componentsXesar cylinder   Cylinder mounting nut   2 CR2 lithium batteries   Assembly manual   Important informationProduct codeE.X.HB.MB19.23.[Finish].FVS.[Elongated outside thumbturn axis].[Locking rotation].[Cam]	Cam	cabinets   HB[XX][A] – cam for post box systems   HB01[A][B] – horizontal cam HB01[A][B]   0SN - Without
Rated brake point on the outside thumbturn   Engages only if authorised   Event log   Plug pulling protection   AES encryptionStandards and guidelinesCE-certified   IP65 protectionTechnical installation situationInside and outside doors with maximum security requirements and subject to tough weather conditions. 	Cylinder length	23 mm
Technical installation situationInside and outside doors with maximum security requirements and subject to tough weather conditions. With FVS fixed cam function as standardCompatible identification technologiesMIFARE DESFire EV1 + EV2Battery2 CR2 lithium batteries   Up to 70.000 cyclesSignalsVisual + audibleConditions of useAmbient temperature range: -20°C to +55°C (depending on the battery)   Humidity < 90 %, non- condensing   For 100,000 cycles   Minimum backset 35 mm, IP65 protectionEvent protocolLast 1,000 eventsInterfacesConnection to Xesar tablet   BLEIncluded componentsXesar cylinder   Cylinder mounting nut   2 CR2 lithium batteries   Assembly manual   Important informationProduct codeE.X.HB.MB19.23.[Finish].FVS.[Elongated outside thumbturn axis].[Locking rotation].[Cam]	Security features	Rated brake point on the outside thumbturn   Engages only if authorised   Event log   Plug pulling protection
requirements and subject to tough weather conditions. With FVS fixed cam function as standardCompatible identification technologiesMIFARE DESFire EV1 + EV2Battery2 CR2 lithium batteries   Up to 70.000 cyclesSignalsVisual + audibleConditions of useAmbient temperature range: -20°C to +55°C (depending on the battery)   Humidity < 90 %, non- condensing   For 100,000 cycles   Minimum backset 35 mm, IP65 protectionEvent protocolLast 1,000 eventsInterfacesConnection to Xesar tablet   BLEIncluded componentsXesar cylinder   Cylinder mounting nut   2 CR2 lithium batteries   Assembly manual   Important informationProduct codeE.X.HB.MB19.23.[Finish].FVS.[Elongated outside thumbturn axis].[Locking rotation].[Cam]	Standards and guidelines	CE-certified   IP65 protection
technologiesBattery2 CR2 lithium batteries   Up to 70.000 cyclesSignalsVisual + audibleConditions of useAmbient temperature range: -20°C to +55°C (depending on the battery)   Humidity < 90 %, non- condensing   For 100,000 cycles   Minimum backset 35 mm, IP65 protectionEvent protocolLast 1,000 eventsInterfacesConnection to Xesar tablet   BLEIncluded componentsXesar cylinder   Cylinder mounting nut   2 CR2 lithium batteries   Assembly manual   Important informationProduct codeE.X.HB.MB19.23.[Finish].FVS.[Elongated outside thumbturn axis].[Locking rotation].[Cam]	Technical installation situation	requirements and subject to tough weather conditions.
SignalsVisual + audibleConditions of useAmbient temperature range: -20°C to +55°C (depending on the battery)   Humidity < 90 %, non- condensing   For 100,000 cycles   Minimum backset 35 mm, IP65 protectionEvent protocolLast 1,000 eventsInterfacesConnection to Xesar tablet   BLEIncluded componentsXesar cylinder   Cylinder mounting nut   2 CR2 lithium batteries   Assembly manual   Important informationProduct codeE.X.HB.MB19.23.[Finish].FVS.[Elongated outside thumbturn axis].[Locking rotation].[Cam]		MIFARE DESFire EV1 + EV2
Conditions of use Ambient temperature range: -20°C to +55°C (depending on the battery)   Humidity < 90 %, non-condensing   For 100,000 cycles   Minimum backset 35 mm, IP65 protection	Battery	2 CR2 lithium batteries   Up to 70.000 cycles
(depending on the battery)   Humidity < 90 %, non- condensing   For 100,000 cycles   Minimum backset 35 mm, IP65 protectionEvent protocolLast 1,000 eventsInterfacesConnection to Xesar tablet   BLEIncluded componentsXesar cylinder   Cylinder mounting nut   2 CR2 lithium batteries   Assembly manual   Important informationProduct codeE.X.HB.MB19.23.[Finish].FVS.[Elongated outside thumbturn axis].[Locking rotation].[Cam]	Signals	Visual + audible
Interfaces   Connection to Xesar tablet   BLE     Included components   Xesar cylinder   Cylinder mounting nut   2 CR2 lithium batteries   Assembly manual   Important information     Product code   E.X.HB.MB19.23.[Finish].FVS.[Elongated outside thumbturn axis].[Locking rotation].[Cam]	Conditions of use	(depending on the battery)   Humidity < 90 %, non- condensing   For 100,000 cycles   Minimum backset
Included components Xesar cylinder   Cylinder mounting nut   2 CR2 lithium batteries   Assembly manual   Important information   Product code E.X.HB.MB19.23.[Finish].FVS.[Elongated outside thumbturn axis].[Locking rotation].[Cam]	Event protocol	Last 1,000 events
batteries   Assembly manual   Important information     Product code   E.X.HB.MB19.23.[Finish].FVS.[Elongated outside thumbturn axis].[Locking rotation].[Cam]	Interfaces	Connection to Xesar tablet   BLE
thumbturn axis].[Locking rotation].[Cam]	Included components	
Example E.X.HB.MB19.23.NI.FVS.AV05.STA.H7233	Product code	
	Example	E.X.HB.MB19.23.NI.FVS.AV05.STA.H7233

## **Dimensional drawing**





