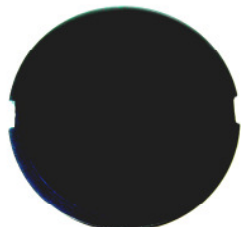


Side view



Top view



TEC PLUG M30
134 kHz FDX-B
ISO-IEC 11784 / 11785
ISO-IEC 18000-2
BDE

Description:	TEC PLUG M30 134 kHz BDE FDX-B ISO-IEC 11784 / 785 ISO-IEC 18000-2		
IC type:	EM4105-BDE, BIPHASE, RF/32, FDX-B, 128 bits laser programmed Read Only		
IC on request:	134 kHz: BDE-HDX, 125 kHz: R/O EM4100, R/W other	ISO 11784 / 11785 BDE R/O,	13,56 MHz I-CODE SLI SL2
Physical:	Thread / Diameter:	M30 (29,75 mm)	± 0.05 mm
	Height:	15 mm	± 0.5 mm
	Grooves:	2 side grooves	(mounting and demounting tool is available)
	Weight:	11 g	± 0.5 g
	Material:	ABS + PU	Colour: Black
	Assembly:	Shell filled with PU	
Electrical:	Operating Frequency:	134 kHz	± 6 kHz (At room temperature 20°C)
Thermal:	Operating Temperature:	-25°C to +85°C	Storage Temp. -25°C to +85°C
Chemical:	Water Immersion IP67 (20°C, 24 h, 1 m), Aqueous solution of salts, Mineral and vegetable oil, Petroleum, Unleaded gasoline		
Mechanical:	Axial compression: 500 N Vibration: IEC 68 2.6 10g, 10...2000 Hz, 3 axis 2,5 h (At room temperature 20°C) Radial compression: 300 N Shock: IEC 68 2.29 40g, 18 ms, 6 axis, 2000 times (At room temperature 20°C)		
Reading Range:	Depending on the reader design and local installation conditions. With TECTUS TLP-10 CF Card Reader about 30 mm, with Stationary Reader TPF-21 up to 700 mm.		
Tool:	TECTUS recommends to use the available Mounting and Demounting Tool (Part-No. WKZ-TP-30) to avoid product damage by other not recommended Mounting or Demounting methods. (System Integrators are responsible by themselves for housing damage if wrong Mounting and Demounting methods or tools are used.)		
Specials:	Customised housing and logos are available upon request.  ATEX Version is also available		
Other:	Produced under ISO9000: 2000 QS and  ATEX QS qualified production.		
Part numbers:	EM4105BDE, 134kHz: TAT-21-AA	EM4100, 125kHz: TAT-00-AA	HDX-BDE, 134kHz: TAT-19-AA
	ISO15693, 13,56MHz: TAT-15-AA	Hitag S2048, 125kHz: TAT-13-AA	5557, 125kHz: TAT-02-AA
	OTP BDE programmed and locked, 134kHz FDX-B: TAT-32-AA		