

TID-UHF-XP

Transponder ATEX Special Form

PART ID:
3036

Downhole tag has been validated by tests simulating simultaneous high temperature, high pressure stresses as well as in an actual live well site for survivability and performance under the extreme conditions of pressure, vibration, temperature and chemicals of a well. Its embeddable round formfactor is designed for firm and seamless insertion in metal structures for downhole application.

Main Specifications

Frequencies	LF HF UHF
Material	Stainless Steel + Epoxy
Operating Temperature	-40°C to 85°C
IP Class	IP69K
Compliance	RoHs & Reach, CE, Rain RFID
Key Features	ON-Metal Use, Heat Tolerant
Options	Laser Engraving



Full Specifications

Product ID	3036
Name	TID-UHF-XP
Atex	yes
On Metal Use	yes
PEAK Performance	yes
Material	Stainless Steel + Epoxy
Shape	Round Shape
Long Description	Downhole tag has been validated by tests simulating simultaneous high temperature, high pressure stresses as well as in an actual live well site for survivability and performance under the extreme conditions of pressure, vibration, temperature and chemicals of a well. Its embeddable round formfactor is designed for firm and seamless insertion in metal structures for downhole application.
Key Features	ON-Metal Use, Heat Tolerant
Options	Laser Engraving
Main Use	Drillpipe
Article Type	Special Form
Color	Silver
Diameter [mm]	28.3
Thickness [mm]	8.5

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Weight [g]	25.4
Operating Temp °C (min)	-40
Operating Temp °C (max)	85
Storage Temp °C (min)	-50
Storage Temp °C (max)	250
High Temp	yes
IP Class	IP69K
Chemical Resistance	Mineral oil, petroleum, salt mist, vegetable oil
Flame Resistance	Not Specified
Mechanical Resistance	IEC 68.2.27/ IEC 68.2.6
Attachment Method	Plug-in
Compliance	RoHs & Reach, CE, Rain RFID

VARIANTS AND ICS

ID	Variant	Band	Type	ISO
3036-01-349-00	Downhole	UHF	Higgs 3	ISO 18000-6C / EPC Gen2 V2