Tether Activation Unit

Switching unit for Adaptive Airbag

- reliable triggering
- very light ~5g
- no environmental influences such as strong heating
- response time less than 3ms
- const. properties over lifetime and temperature
- customer-specific connection concept can be realized (e.g. slide-in, plug-in)

Key functional parameters

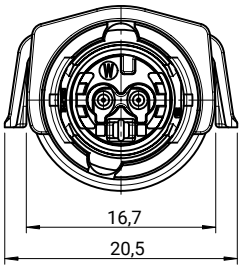
Operation temperature:	-40°C up to +85°C
Tether release time	< 3ms
Electrical connection:	Pin Type AK-2, ABX-5 or Leadwire (180-270 mm)
Dimensions:	D16 x 26 mm
Weight:	~5g

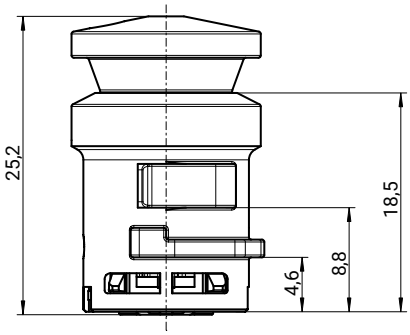
Pyrotechnics:

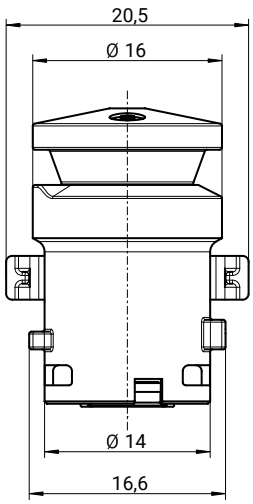
Igniter type:	GTMS igniter
Igniter qualification:	acc. AK-LV16:2012
Igniter resistance:	2.1Ω ± 0.4Ω
Igniter parameter “No fire”	≤0.4A ≤5A for ≤4µs
Igniter parameter: “All fire”	1.75A to 40A for 0.5ms ≥1.2A for ≤2ms

Outline dimensions*

*in mm







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