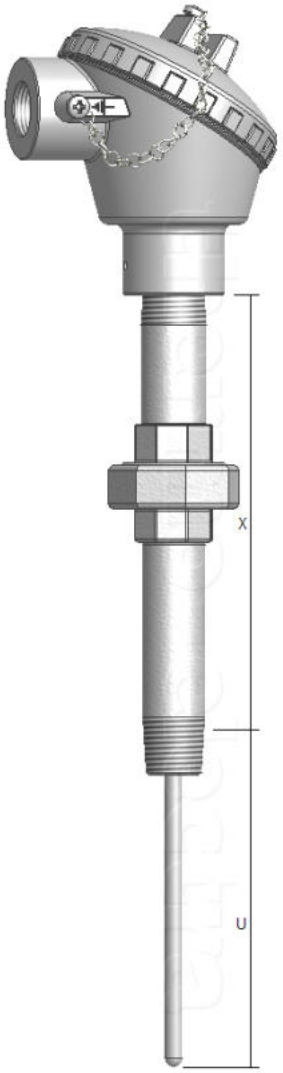
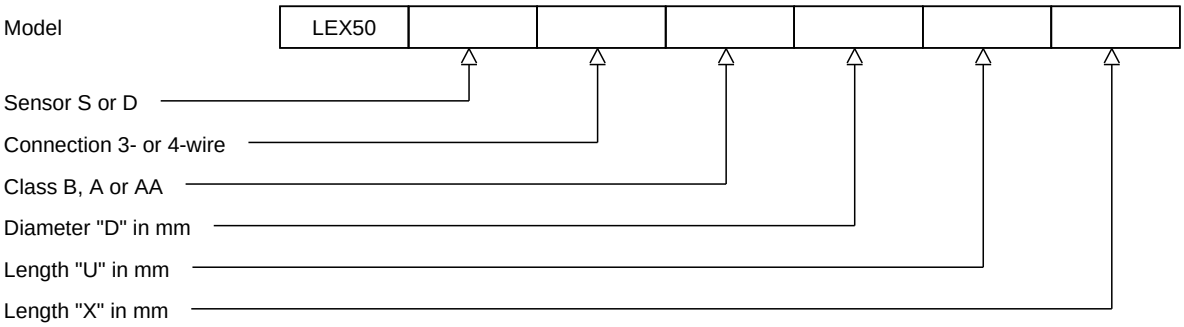
LEX50 Ex ta/tb certified resistance thermometer for zone 1, 2 and 20, 21, 22

Construction	
ATEX execution	II 1 D Ex ta IIIC T85°C...T300°C Da
	II 1/2 D Ex ta/tb IIIC T85°C...T300°C Da/Db
	II 2 D Ex tb IIIC T85°C...T300°C Db
ATEX certificate	DEKRA 17ATEX0123 X
IECEx execution	Ex ta IIIC T85°C...T300°C Da
	Ex ta/tb IIIC T85°C...T300°C Da/Db
	Ex tb IIIC T85°C...T300°C Db
IECEx certificate	IECEx DEK 17.0046X
Suitable for zone	1, 2 and 20, 21, 22
Ingress protection	IP65 / IEC529
Ambient temp. range	-40°C...+75°C, this can be limited depending on the materials applied such as cables, connection heads, junction boxes and transmitters.
Connection head	
Model	CE (showed), other Ex ta/tb certified heads possible
Material	Aluminium, plastic or stainless steel
Cable Entry	M20x1.5 standard, other threads possible
Measuring insert	
Construction	Springloaded and replaceable
Springaction	>10mm standard, >40mm optional
Diameter	6.0mm standard, other diameters possible
Type	Mineral insulated (MgO)
Sensor	
Execution	Single or Duplex Pt100
Connection	3-wire system, 4-wire system optional
Accuracy	According IEC 60751 Cl. B, A or AA
Measuring range	Standard -20°C...+400°C, optional -220°C...+600°C
Extension	
Type	Nipple - union - nipple standard, other constructions possible
Material	Stainless Steel
Style / Connection	1/2"NPT standard, other threads possible
Length	150 mm standard, other lengths possible



Ordering code

*This datasheet is purely indicative, build-up of model code may vary from this datasheet.



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