



®

ASD
TECHNOLOGIES

ADVANCED
SENSING
DEVICES



TEMPERATURE SENSORS

for
Industrial Market

ASD Technologies - Temperature sensors



Model 001C

for standard applications

Reference standard:	IEC 60539
Sensing technology:	NTC
Reference resistance at 25°C:	10 ± 1 % kΩ
Beta factor 25/85:	3435 ± 1 %
Temperature range:	-50 ÷ 105 °C
Protection degree:	IP68
Cap material/dimension:	AISI 316 – 50 x Ø 6 mm
Cable:	TPE 2 tinned copper wire flame retardant – double insulation



ASD Technologies - Temperature sensors



Model 003B

*reduced response time
for electronic valves*

Reference standard:	IEC 60539
Sensing technology:	NTC
Reference resistance at 25°C:	10 ± 1 % kΩ
Beta factor 25/85:	3435 ± 1 %
Response time:	< 10 s
Temperature range:	-50 ÷ 105 °C
Protection degree:	IP67
Cap material/dimension:	AISI 316 – 40 x Ø 4 mm
Cable:	TPE 2 tinned copper wire flame retardant – double insulation



ASD Technologies - Temperature sensors



Model 002A

*reinforced cable
for rugged applications*

Reference standard:	IEC 60539
Sensing technology:	NTC
Reference resistance at 25°C:	10 ± 1 % kΩ
Beta factor 25/85:	3435 ± 1 %
Temperature range:	-50 ÷ 105 °C
Protection degree:	IP67
Cap material/dimension:	AISI 316 – 30 x Ø 6 mm
Cable:	PVC 2 copper wire not flame propagating



ASD Technologies - Temperature sensors



Model 045B

*standard temperature sensor
for general applications*

Reference standard:	IEC 60539
Sensing technology:	NTC
Reference resistance at 25°C:	10 ± 1 % kΩ
Beta factor 25/85:	3435 ± 1 %
Temperature range:	-50 ÷ 105 °C
Protection degree:	IP67
Cap material/dimension:	15 x 5 x 6 mm
Cable:	TPE 2 tinned copper wire not flame propagating



ASD Technologies - Temperature sensors



Model 050A

for high temperature

Reference standard:	IEC 60539
Sensing technology:	NTC
Reference resistance at 25°C:	50 ± 1 % kΩ
Beta factor 25/85:	3977 ± 1 %
Temperature range:	-30 ÷ 150 °C
Protection degree:	IP67
Cap material/dimension:	TPE – 20 x Ø 5 mm
Cable:	TPE 2 tinned copper wire flame retardant



ASD Technologies - Temperature sensors



Model 070A

fast pipe fixing

Reference standard:	IEC 60539
Sensing technology:	NTC
Reference resistance at 25°C:	10 ± 1 % kΩ
Beta factor 25/85:	3435 ± 1 %
Temperature range:	-50 ÷ 105 °C
Protection degree:	IP67
Cap material/dimension:	Copper – 16 x 4 mm
Cable:	TPE 2 tinned copper wire flame retardant – double insulation



ASD Technologies - Temperature sensors



Model Mk 051

*platinum sensor
for high temperature*

Reference standard:	IEC 60751
Sensing technology:	Pt1000 Heraeus
Reference resistance at 0 °C:	1000 Ω
Tolerance:	Class B
Temperature range:	-50 ÷ 250 °C
Protection degree:	IP67
Cap material/dimension:	AISI 316 – 40 x Ø 6 mm
Cable:	Teflon PTFE 2 wires red/white



ASD Technologies - Temperature sensors



Model Mk 080

*platinum sensor
for standard application*

Reference standard:	IEC 60751
Sensing technology:	Pt100 Heraeus
Reference resistance at 0 °C:	100 Ω
Tolerance:	Class B / A / AA (configurable)
Temperature range:	-50 ÷ 150 °C
Protection degree:	IP67
Cap material/dimension:	AISI 316 – 40 x Ø 6 mm
Cable:	Silicone cable 3 wires red/red/white





More models
available.

Submit your request
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