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HIGH TEMPERATURE INDUCTIVE SENSORS

TEMPERATURE RESISTANT
UP TO +230°C (+446°F)

Exceptional working conditions demand uncompromising performance, and Contrinex **High Temperature** inductive sensors deliver in every respect. Designed for continuous operation at temperatures up to 180°C (230°C with remote electronics), this range is ideal for the harshest environments, including automotive paint shops, metal-treatment plants and glass manufacturing.

KEY ADVANTAGES

- ✓ Highest long-term stability due to fully potted electronics
- ✓ Long sensor life
- ✓ Reliable sensing in high-temperature applications
- ✓ Compact construction with integral amplifier for temperatures up to +180°C (+356°F)
- ✓ External amplifier module for temperatures up to +230°C (+446°F)

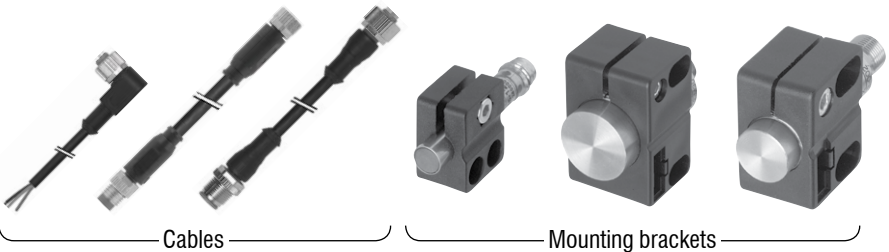


PRODUCT OVERVIEW

Housing size mm	M8	M12	M18	M30	M50
Classics (s _n mm)	2	3/4	5	10/15	25

ACCESSORIES

Go to page 298 to see all the accessories



INDUCTIVE SENSORS HIGH TEMPERATURE



COMMON FEATURES

Supply Voltage range	10 ... 30 VDC
Output	PNP NO*

* Other types available: PNP NC, NPN NC

OUTPUT

DW-A[x]-60[x]

Connection

[D] Cable [S] Connector [V] Pigtail

Output

[1] NPN NO [3] PNP NO
[2] NPN NC [4] PNP NC

Reference key on page 116

ACCESSORIES

Group A: M8 3-pin
Sub-group: Field attachable connectors
Sub-group: Distribution boxes

Group B: M8 4-pin

Group C: M12 4-pin
Sub-group: Field attachable connectors
Sub-group: Distribution boxes

Group D: M12 AC/DC 3-pin

Group E: Universal mounting brackets
Sub-group: Mechanical stops

Group F: Photoelectric mounting brackets

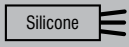
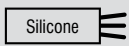
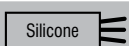
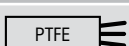
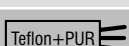
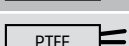
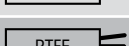
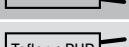
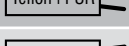
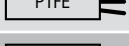
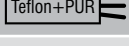
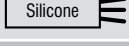
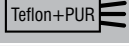
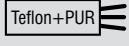
Group G: Photoelectric reflectors

Group H: Sensor tester

Go to page 298 for details

CABLES
Cable lengths available:
2 m, 5 m, 10 m
other customised lengths possible

FAMILY	OPERATING DISTANCE (mm)	HOUSING SIZE (mm)	HOUSING LENGTH (mm)	HOUSING MATERIAL
CLASSICS – SERIES 600	2	M8	60	Stainless steel V2A
	3	M12	59	Stainless steel V2A
	4	M12	63	Stainless steel V2A
	5	M18	82	Stainless steel V2A
	5	M18	76	Stainless steel V2A
	8	M18	82	Stainless steel V2A
	10	M30	72	Stainless steel V2A
	10	M30	72	Stainless steel V2A
	15	M30	83	Stainless steel V2A
	15	M30	83	Stainless steel V2A
	15	M30	83	Stainless steel V2A
	20	M50	76	Stainless steel V2A
	20	M50	55	Stainless steel V2A
	25	M50	68	Stainless steel V2A
	25	M50	76	Stainless steel V2A

	CABLE	CONNECTION	SWITCHING FREQUENCY (Hz)	MOUNTING		AMBIENT TEMPERATURE	DEGREE OF PROTECTION	PART REFERENCE*	ACCESSORIES (SEE PAGE 90)
				EMB. 	NON-EMB. 				
		Silicone, 2 m, 3 wire	600	Embed.		0...+140°C	IP67	DW-HD-623-M8-100	
		Silicone, 2 m, 3 wire	500	Embed.		0...+150°C	IP67	DW-HD-603-M12-200	
		Silicone, 2 m, 3 wire	500	Non-Embed.		0...+150°C	IP67	DW-HD-613-M12-200	
		PTFE, 2 m, 3 wire	400	Embed.		0...+180°C	IP67	DW-HD-603-M18-310	
		PTFE, 3 m + PUR, 2 m, 3 wire	300	Embed.		0...+230°C	IP67	DW-HD-603-M18-411	
		PTFE, 2 m, 3 wire	400	Non-embed.		0...+180°C	IP67	DW-HD-613-M18-310	
		PTFE, 2 m, 3 wire	200	Embed.		0...+180°C	IP67	DW-HD-603-M30-310	
		PTFE, 3 m + PUR, 2 m, 3 wire	200	Embed.		0...+230°C	IP67	DW-HD-603-M30-411	
		PTFE, 3 m + PUR, 2 m, 3 wire	150	Non-embed.		0...+230°C	IP67	DW-HD-613-M30-411	
		PTFE, 2 m, 3 wire	200	Non-embed.		0...+180°C	IP67	DW-HD-613-M30-310	
		PTFE, 5 m + PUR, 2 m, 3 wire	150	Non-embed.		0...+230°C	IP67	DW-HD-613-M30-508	
		Silicone, 2 m, 3 wire	100	Quasi-embed.		0...+180°C	IP67	DW-HD-603-M50-300	
		PTFE, 3 m + PUR, 2 m, 3 wire	150	Quasi-embed.		0...+230°C	IP67	DW-HD-603-M50-411	
		PTFE, 3 m + PUR, 2 m, 3 wire	150	Non-Embed.		0...+230°C	IP67	DW-HD-613-M50-411	
		Silicone, 2 m, 3 wire	100	Non-embed.		0...+180°C	IP67	DW-HD-613-M50-300	

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