

Non-contacting displacement sensors

Order code

	DS-1051	DS-1052 *	DS-1053	DS-1054	DS-105X
Application	general application and for use in hazardous area **				
Measuring range	2 mm				
Operating temperature range	-30 ... +180° C (in Ex area dependent on temperature class)				
Sensor body version	full length thread	full length thread with corrugated tube protection	reverse mount (e.g. in sensor holder AC-101)	right-angled head	

* The sensor type DS-1052 is only available on enquiry and after technical clarification.

** with marking Ex II 1/2 G Ex ia IIC T5/T4 Ex II 2 D Ex iaD 21 T100°C**Thread G**

					/XX
M 10 x 1 - 6 g	•	•	•	•	03
3/8" - 24 UNF - 2A	•	o	o	o	04

Sensor body length L₁

					/XXX
Standard lengths	-	-	30 mm	-	030
	-	-	-	34 mm	034
	45 mm	-	-	-	045
	75 mm	75 mm	-	-	075
	105 mm	-	-	-	105
Special lengths	135 mm	-	-	-	135
	165 mm	-	-	-	165
	195 mm	-	-	-	195
	225 mm	-	-	-	225
	255 mm	-	-	-	255
Minimum length	45 mm	45 mm	30 mm	34 mm	
Maximum length	255 mm	255 mm	30 mm	150 mm	

Sensor cable length K

					/XXX
Standard length	1 m	1 m	1 m	1 m	010
	5 m	5 m	5 m	5 m	050

Cable protection

					/X
no	•	-	•	•	1
Steel protective conduit	o	-	-	o	2
PTFE protective conduit	o	-	o	o	3
Corrugated tube, version A	-	•	-	-	4
Corrugated tube, version B	-	o	-	-	5

Special requirements (must be clarified in written form when ordering)

					/X
no	•	-	•	•	9
yes	on enquiry				1

• preferred solution

o optional solution

- not available

Order example: DS-1051/03/075/010/1/9