

**Piston rod cylinders**

**★ Sensor, series ST4  
plug M8x1 with knurled screw**



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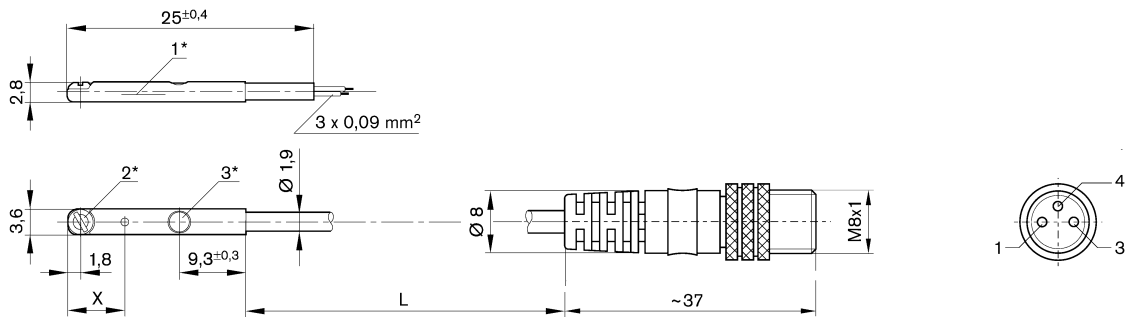
Ambient temperature min./max.	-25°C / +75°C
Protection class according to DIN EN 60529:2000	IP67
Switching point precision	±0,1
Switching time on	0,5 ms
Switching time off	0,1 ms
LED	yellow
Shock resistance	30 g / 11 ms
Vibration resistance	10-55 Hz, 1 mm
materials:	
Sensor	polyamide

	type of contact	cable length L [m]	Cable	Operational voltage AC [V]	DC operating voltage [V]	DC switching current [A]	Switching capacity [VA]	protective resistor [Ω]	Part No.
	Reed	0,3	PUR	10 - 30	10 - 30	0,13	3 W / 5 VA	15	R412004577
		0,3	PVC						R412004761
		0,5	PUR						R412004578
	PNP solid-state	0,3	PUR	-	10 - 30	0,1	3 W / 5 VA	-	R412004580
		0,5							R412004581

Part No.	Voltage drop [V]	operating current, not switched [mA]	operating current, switched [mA]	Max. switching frequency [kHz]	Short circuit-proof	Short-circuit protected	LED
R412004577	< 1,5		< 5	< 0,5			
R412004761	< 2,5	-	-	< 0,3	-	+	+
R412004578	< 1,5		< 5	< 0,5			
R412004580	< 2,5	< 8	< 20	< 1,0	+	+	+
R412004581	< 2,5						

**dimensions**



1\* = sensor element 2\* = clamping screw 3\* = LED  
 X = PNP, 6 mm, Reed, 10 mm  
 L = cable length

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