

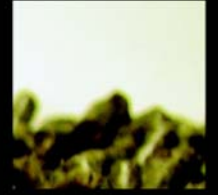



Product survey Capacitive proximity sensors

DOL 40R series – diameter 30 mm	Type	Delay	Output	Form	Voltage	No.
 <p>The DOL 40R capacitive sensor series is designed for general detection of feed, grain and solids.</p>	DOL 41R	-	Relay	Smooth	10-30V AC/DC	100672
				Thread	90-230V AC	100671
	DOL 43R	off- delay 0-4 hrs	Relay	Smooth	10-30V AC/DC	100662
				Thread	90-230V AC	100661
	DOL 45R	off/on- delay 0-4 hrs	Relay	Smooth	10-30V AC/DC	100772
				Thread	90-230V AC	100771
 <p>The ATEX versions are certified for use in environments in Category 1, Zone 20, where there is danger of explosion.</p>	DOL 41R ATEX	-	Relay	Smooth	10-30V AC/DC	100622
	DOL 43R ATEX	Off- delay	Relay	Smooth	90-230V AC	100621
	DOL 45R ATEX	Off/on- delay	Relay	Smooth	10-30V AC/DC	100612
					90-230V AC	100611
	DOL 45R-T	off/on- delay 0-4 hrs	Relay	Smooth	10-30V AC/DC	100602
					90-230V AC	100601
 <p>DOL 45R T-sensor is part of the DOL 40R series but is especially designed for detection of feed and similar materials in pipe conveyor systems.</p>	DOL 45R-T	off/on- delay 0-4 hrs	Relay	Smooth	10-30V AC/DC	100682
					90-230V AC	100681



MAKING SENSE IN YOUR PRODUCTION



DOL 25 series – 18 & 30 mm	Type	Delay	Output	Form	Voltage	No.
 <p>DOL 25 is a new, complete sensor series, which covers all requirements concerning physical, electric and functional qualities. The DOL 25 types with trimmers are available in several variants so you can get the exact function required:</p> <ul style="list-style-type: none"> • Without trimmer (0T) • with one trimmer (1T) • with two trimmers (2T) <p>All types offer a new, active temperature compensation, which makes them 100 % temperature stable.</p>	DOL 25 0T	-	SCR NC	P-M18	20-230 V AC	102139
			PNP NO & NC	P-M18	10-36 V DC	102099
				P-M18-PL	10-36 V DC	102147
				P-Ø18	10-36 V DC	102003
	DOL 25 1T	-	SCR NO	P-M18	20-230 V AC	102134
				P-M30	20-230 V AC	102230
			SCR NC	P-Ø18	20-230 V AC	102042
				P-M30	20-230 V AC	102234
			PNP NO & NC	P-M18	10-36 V DC	102098
				P-Ø18	10-36 V DC	102002
				P-M30	10-36 V DC	102194
				P-M30-PL	10-36 V DC	102242
DOL 25 2T	Off 0-10m	SCR NC	P-Ø18	20-230 V AC	102041	
			P-M30	20-230 V AC	102233	
		SCR NO	P-M30	20-230 V AC	102229	
			PNP NO & NC	P-M18	10-36 V DC	102097
P-Ø18	10-36 V DC	102001				

In addition to these standard types, DOL 25 is available in any combination of form, function and output.



Accessories

Capacitive proximity sensors

DOL 40R Accessories	Description	No.
	<p>Plastic screwed gland for mounting of sensors in the DOL 40 series.</p> <p>The plastic gland can be mounted in a silo wall by means of an internal counter nut or directly from outside with the enclosed flange.</p> <p>Plastic gland like 140107, but to be used together with the DOL 40R ATEX versions.</p>	<p>140107</p> <p>140120</p>
	<p>The fitting permits easy fitting on plastic tubes in tubing systems where the sensor detects the material through the plastic wall of the tube.</p> <p>The sensor is typically applied to stop a filling when a system is filled up. The fitting fits tubes in the diameter interval of 38 - 70 mm.</p>	<p>140112</p>
	<p>The adapter is a conic rubber sleeve, which can easily be placed on the DOL 40R sensor.</p> <p>The adapter is used where the DOL 40R is to replace a DOL 16R/21R/33R mounted in a PG 36 or an equivalent unit with a larger diameter than the DOL 40R.</p>	<p>140113</p>
DOL 25 Accessories		
	<p>Gland for mounting of the DOL 25 sensor.</p> <p>For mounting of the gland a hole of minimum 28 mm and maximum 31 mm is required.</p>	<p>140121</p>



Connection diagrams Capacitive proximity sensors

DOL 40R relay output	Description
	<p>The power supply is connected to the blue and brown wire. The load is connected in series with the relay contact of the sensor.</p> <p>STOP by activating the sensor, use the black wires 1 and 3 (NC).</p> <p>START by activating the sensor, use the black wires 1 and 4 (NO).</p>
DOL 25 SCR thyristor output	<p>The load is connected in series with the SCR contact of the sensor. Max. load = 300 mA</p>
	<p>The load is connected to the NO or NC output on the sensor. Max. load = 500 mA</p>
DOL 25 PNP transistor output	<p>The load is connected to the NO or NC output on the sensor. Max. load = 500 mA</p>
	<p>The load is connected to the NO or NC output on the sensor. Max. load = 500 mA</p>
DOL 25 NPN transistor output	<p>The load is connected to the NO or NC output on the sensor. Max. load = 500 mA</p>