


1.1

SERIE	AT
Inductive proximity sensors M30 - DC	
<ul style="list-style-type: none"> ◆ Metal housing ◆ Axial cable exit with and without tang ◆ M12 metal plug cable exit ◆ LED status indicator 360° visible ◆ IP67 protection degree ◆ Complete protection against electrical damages 	



DIMENSIONAL DRAWING	
Key	
<ul style="list-style-type: none"> 1 Axial cable exit 2 Axial cable exit with tang 3 M12 plug cable exit 4 Cable 4x0,34mm², Ø5,5mm, PVC, 2m 5 LED status indicator (NO output energized) 6 Shielded version 7 Unshielded version 	<p>Connectors series CD serie</p> <p>Accessori series ST serie</p>

ORDERING SYSTEM		
A T 1 / A N - 1 A		
serie	AT1	cable exit
M30 inductive proximity sensor		A axial cable exit
output state		B axial cable exit with tang
NO output state	A	H M12 plug cable exit
NC output state	C	
logic		sensing range
NPN output	N	1 standard shielded 10mm
PNP output	P	2 unshielded 15mm

SPECIFICATIONS		
Model	AT1/**-1*	AT1/**-2*
Nominal sensing distance S_n ⁽¹⁾	10mm	15mm
Operating distance	8,1mm (shielded), 12,1mm (unshielded)	
Differential travel	2...10%	
Repeat accuracy	2%	
Operating voltage	10-30Vdc	
Ripple	≤10%	
No-load supply current	20mA	
Load current	≤400mA	
Leakage current	£10µA	
Voltage drop	≤1V max.	
Output type	NPN or PNP NO or NC	
Switching frequency	200Hz	
Time delay before availability	100ms	
Supply electrical protections	polarity reversal, transient	
Output electrical protections	short circuit (autoreset)	
Temperature range	-25°...+70°C	
Temperature drift	10% Sr	
Protection degree (DIN 40 050)	IEC IP67	
LED indicators	Yellow (NO output energized)	
Housing material	nickel-plated brass	
Sensing face material	PBT	
Tightening torque	60Nm	
Weight (approx.)	180 (A, B type); 110 (H type)	

(1) with 30x30mm FE360 target.

