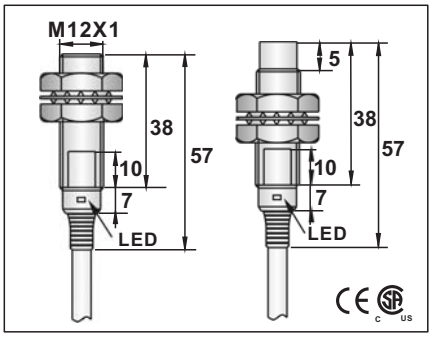
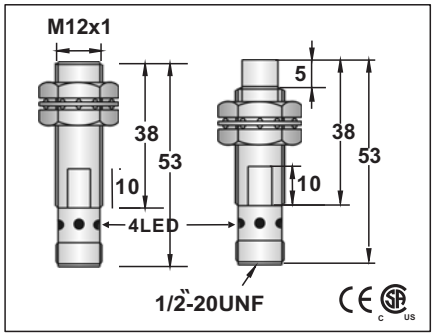
AC/DC INDUCTIVE SENSORS WELD FIELD IMMUNE

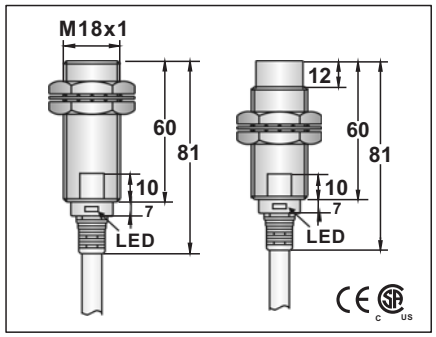
M 12	
●	○
2 mm	4 mm
PTFE Coated Brass	



M 12	
●	○
2 mm	4 mm
PTFE Coated Brass	
●	



M18	
●	○
5 mm	8 mm
PTFE Coated Brass	
●	



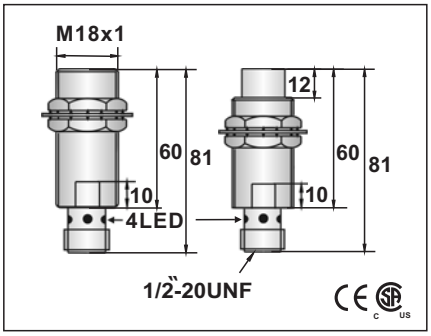
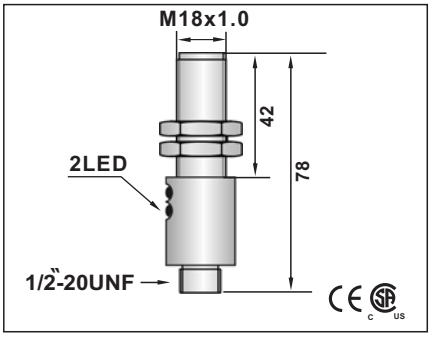
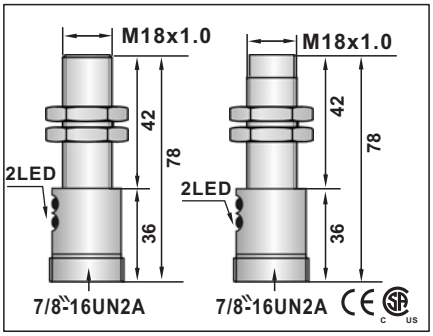
20-250 VAC, 50-60 Hz; 20-250 VDC		
DC RIPPLE <10%		
<2.5mA		
100mA		
<2.5mA		
2.2A for 20ms		
5mA		
<=10 VAC :<=8 VDC		
25HZ AC; 40 Hz DC		
10ms/10ms		
<15% (Sr)		
<1.0% (Sr)		
IP67		
-25°C - +70°C		
<10% (Sr)		
YES		
-		
-		
RFI>3V/m / EFT>1KV / ESD>4KV (contact)		
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		
ETFE		
WCM1-1202U-A3L2	11	WCM2-1204U-A3L2
WCM1-1202U-B3L2	12	WCM2-1204U-B3L2
4 ϕ 3x0.34		
Approx.67 g		Approx.65 g

20-250 VAC, 50-60 Hz; 20-250 VDC		
DC RIPPLE <10%		
<2.5mA		
100mA		
<2.5mA		
2.2A for 20ms		
5mA		
<=10 VAC :<=8 VDC		
25HZ AC; 40 Hz DC		
10ms/10ms		
<15% (Sr)		
<1.0% (Sr)		
IP67		
-25°C - +70°C		
<10% (Sr)		
YES		
-		
-		
RFI>3V/m / EFT>1KV / ESD>4KV (contact)		
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		
ETFE		
WCM1-1202U-AUL3	56	WCM2-1204U-AUL3
WCM1-1202U-BUL3	56	WCM2-1204U-BUL3
Approx.31 g		Approx.30 g

20-250 VAC, 50-60 Hz; 20-250 VDC		
DC RIPPLE <10%		
<2.5mA		
200mA		
<2.5mA		
2.2A for 20ms		
5mA		
<=10 VAC :<=8 VDC		
25HZ AC; 40 Hz DC		
10ms/10ms		
<15% (Sr)		
<1.0% (Sr)		
IP67		
-25°C - +70°C		
<10% (Sr)		
YES		
-		
-		
RFI>3V/m / EFT>1KV / ESD>4KV (contact)		
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		
ETFE		
WCM1-1805U-A3L2	11	WCM2-1808U-A3L2
WCM1-1805U-B3L2	12	WCM2-1808U-B3L2
5.0ϕ44x0.1		
Approx.153 g		Approx.144 g

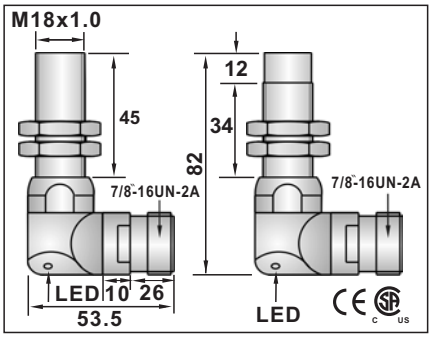
Note:
Coming Soon : Part numbers with underline

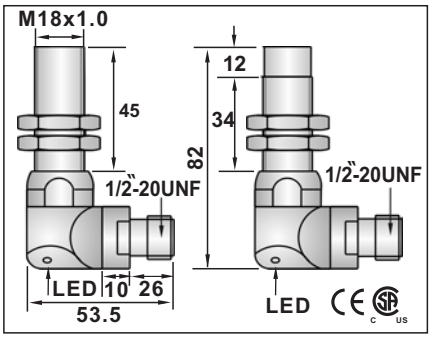
AC/DC INDUCTIVE SENSORS WELD FIELD IMMUNE

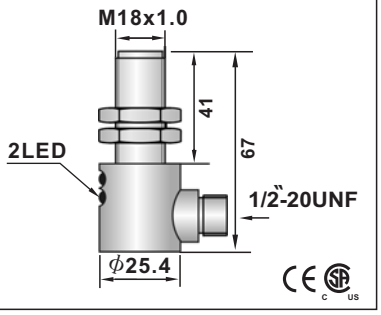
M 18		M 18	M 18	
●	○	●	●	
5 mm	8mm	5 mm	5 mm	8 mm
PTFE Coated Brass		PTFE Coated Brass	PTFE Coated Brass	
●		●	●	
				
20-250 VAC, 50-60 Hz; 20-250 VDC		20-250 VAC, 50-60 Hz; 20-250 VDC	20-250 VAC, 50-60 Hz; 20-250 VDC	
DC RIPPLE <10%		DC RIPPLE <10%	DC RIPPLE <10%	
<2.5mA		<2.5mA	<2.5mA	
200mA		200mA	200mA	
<2.5mA		<2.5mA	<2.5mA	
2.2A for 20ms		2.2A for 20ms	2.2A for 20ms	
5mA		5mA	5mA	
<=10 VAC :<=8 VDC		<=10 VAC :<=8 VDC	<=10 VAC :<=8 VDC	
25HZ AC; 40 Hz DC		25HZ AC; 40 Hz DC	25HZ AC; 40 Hz DC	
10ms/10ms		10ms/10ms	10ms/10ms	
<15% (Sr)		<15% (Sr)	<15% (Sr)	
<1.0% (Sr)		<1.0% (Sr)	<1.0% (Sr)	
IP67		IP67	IP67	
-25°C - +70°C		-25°C - +70°C	-25°C - +70°C	
<10% (Sr)		<10% (Sr)	<10% (Sr)	
YES		YES	YES	
-		-	-	
-		-	-	
RFI>3V/m / EFT>1KV / ESD>4KV (contact)		RFI>3V/m / EFT>1KV / ESD>4KV (contact)	RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
ETFE		ETFE	ETFE	
WCM1-1805U-AUL3	56	WCM2-1808U-AUL3	WCM1-1805U-AUL3/2	56	WCM1-1805U-AZL3/2	65	WCM2-1808U-AZL3/2
WCM1-1805U-BUL3	56	WCM2-1808U-BUL3	WCM1-1805U-BUL3/2	56	WCM1-1805U-BZL3/2	65	WCM2-1808U-BZL3/2
Approx.94 g	Approx.91 g		Approx.91 g		Approx.94 g	Approx.91 g	

Note:
Coming Soon : Part numbers with underline

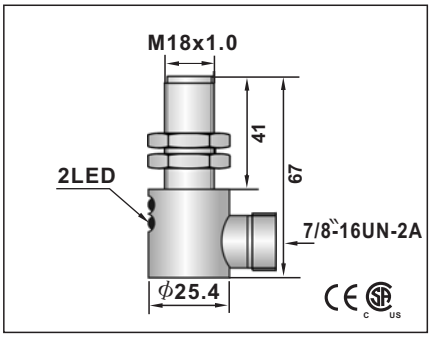
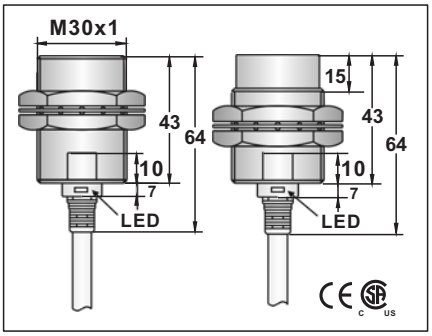
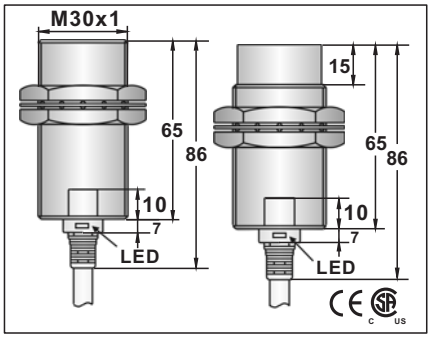
AC/DC INDUCTIVE SENSORS WELD FIELD IMMUNE

M 18		
●	○	
5 mm	8 mm	
PTFE Coated Brass		
●		
		
20-250 VAC, 50-60 Hz; 20-250 VDC		
DC RIPPLE <10%		
<2.5mA		
200mA		
<2.5mA		
2.2A for 20ms		
5mA		
<=10 VAC :<=8 VDC		
25HZ AC; 40 Hz DC		
10ms/10ms		
<15% (Sr)		
<1.0% (Sr)		
IP67		
-25°C - +70°C		
<10% (Sr)		
YES		
-		
-		
RFI>3V/m / EFT>1KV / ESD>4KV (contact)		
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		
ETFE		
WCM1-1805U-AZL3Y	65	WCM2-1808U-AZL3Y
WCM1-1805U-BZL3Y	65	WCM2-1808U-BZL3Y
Approx.251 g	Approx.283 g	

M 18		
●	○	
5 mm	8 mm	
PTFE Coated Brass		
●		
		
20-250 VAC, 50-60 Hz; 20-250 VDC		
DC RIPPLE <10%		
<2.5mA		
200mA		
<2.5mA		
2.2A for 20ms		
5mA		
<=10 VAC :<=8 VDC		
25HZ AC; 40 Hz DC		
10ms/10ms		
<15% (Sr)		
<1.0% (Sr)		
IP67		
-25°C - +70°C		
<10% (Sr)		
YES		
-		
-		
RFI>3V/m / EFT>1KV / ESD>4KV (contact)		
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		
ETFE		
WCM1-1805U-AUL3Y	56	WCM2-1808U-AUL3Y
WCM1-1805U-BUL3Y	56	WCM2-1808U-BUL3Y
Approx.251 g	Approx.283 g	

M 18	
●	
5 mm	
PTFE Coated Brass	
●	
	
20-250 VAC, 50-60 Hz; 20-250 VDC	
DC RIPPLE <10%	
<2.5mA	
200mA	
<2.5mA	
2.2A for 20ms	
5mA	
<=10 VAC :<=8 VDC	
25HZ AC; 40 Hz DC	
10ms/10ms	
<15% (Sr)	
<1.0% (Sr)	
IP67	
-25°C - +70°C	
<10% (Sr)	
YES	
-	
-	
RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
ETFE	
WCM1-1805U-AUL3Y/2	56
WCM1-1805U-BUL4Y/2	56
Approx.94 g	

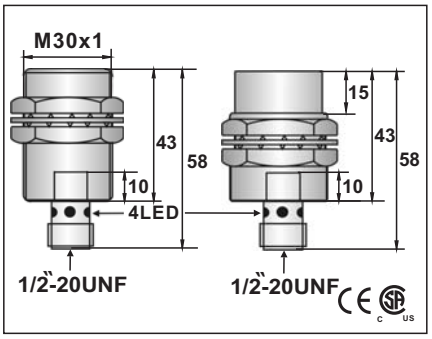
AC/DC INDUCTIVE SENSORS WELD FIELD IMMUNE

M 18	M 30		M 30	
●	●	○	●	○
5 mm	10 mm	15 mm	10 mm	15 mm
PTFE Coated Brass	PTFE Coated Brass		PTFE Coated Brass	
●	●		●	
				
20-250 VAC, 50-60 Hz; 20-250 VDC	20-250 VAC, 50-60 Hz; 20-250 VDC		20-250 VAC, 50-60 Hz; 20-250 VDC	
DC RIPPLE <10%	DC RIPPLE <10%		DC RIPPLE <10%	
<2.5mA	<2.5mA		<2.5mA	
200mA	200mA		200mA	
<2.5mA	<2.5mA		<2.5mA	
2.2A for 20ms	2.2A for 20ms		2.2A for 20ms	
5mA	5mA		5mA	
<=10 VAC :<=8 VDC	<=10 VAC :<=8 VDC		<=10 VAC :<=8 VDC	
25HZ AC; 40 Hz DC	25HZ AC; 40 Hz DC		25HZ AC; 40 Hz DC	
10ms/10ms	10ms/10ms		10ms/10ms	
<15% (Sr)	<15% (Sr)		<15% (Sr)	
<1.0% (Sr)	<1.0% (Sr)		<1.0% (Sr)	
IP67	IP67		IP67	
-25°C - +70°C	-25°C - +70°C		-25°C - +70°C	
<10% (Sr)	<10% (Sr)		<10% (Sr)	
YES	YES		YES	
-	-		-	
-	-		-	
RFI>3V/m / EFT>1KV / ESD>4KV (contact)	RFI>3V/m / EFT>1KV / ESD>4KV (contact)		RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
ETFE	ETFE		ETFE	
WCM1-1805U-AZL3Y/2 65	WCM1-3010U-A3S2 11	WCM2-3015U-A3S2	WCM1-3010U-A3L2 11	WCM2-3015U-A3L2
WCM1-1805U-BZL3Y/2 65	WCM1-3010U-B3S2 12	WCM2-3015U-B3S2	WCM1-3010U-B3L2 12	WCM2-3015U-B3L2
	5.8ϕ3x0.5(6.8ϕ5x0.5)		5.8ϕ3x0.5(6.8ϕ5x0.5)	
Approx.98 g	Approx.217 g	Approx.207 g	Approx.227 g	Approx.217 g

Note:
Coming Soon : Part numbers with underline

AC/DC INDUCTIVE SENSORS WELD FIELD IMMUNE

M 30	
●	○
10 mm	15 mm
PTFE Coated Brass	
●	

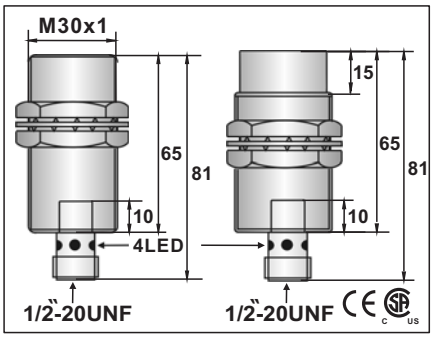


20-250 VAC, 50-60 Hz; 20-250 VDC
DC RIPPLE <10%
<2.5mA
200mA
<2.5mA
2.2A for 20ms
5mA
<=10 VAC :<=8 VDC
25HZ AC; 40 Hz DC
10ms/10ms
<15% (Sr)
<1.0% (Sr)
IP67
-25°C - +70°C
<10% (Sr)
YES
-
-
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
ETFE

WCM1-3010U-AUS3	56	WCM2-3015U-AUS3
WCM1-3010U-BUS3	56	WCM2-3015U-BUS3

Approx.111 g	Approx.121 g

M 30	
●	○
10 mm	15 mm
PTFE Coated Brass	
●	

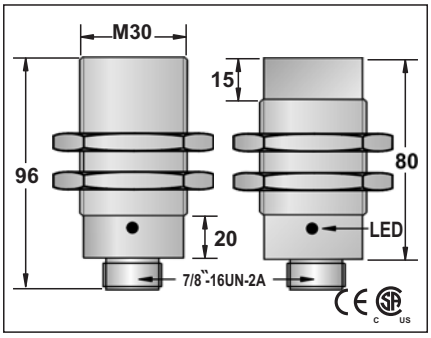


20-250 VAC, 50-60 Hz; 20-250 VDC
DC RIPPLE <10%
<2.5mA
200mA
<2.5mA
2.2A for 20ms
5mA
<=10 VAC :<=8 VDC
25HZ AC; 40 Hz DC
10ms/10ms
<15% (Sr)
<1.0% (Sr)
IP67
-25°C - +70°C
<10% (Sr)
YES
-
-
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
ETFE

WCM1-3010U-AUL3	56	WCM2-3015U-AUL3
WCM1-3010U-BUL3	56	WCM2-3015U-BUL3

Approx.187 g	Approx.179 g

M 30	
●	○
10 mm	15 mm
PTFE Coated Brass	
●	



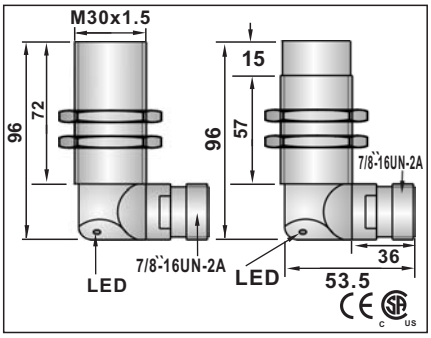
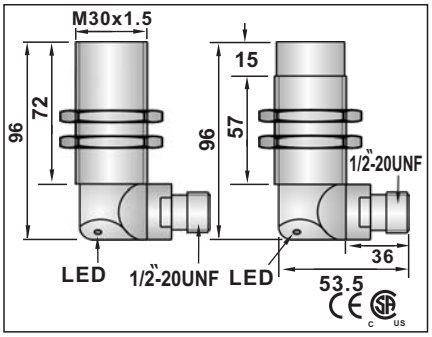
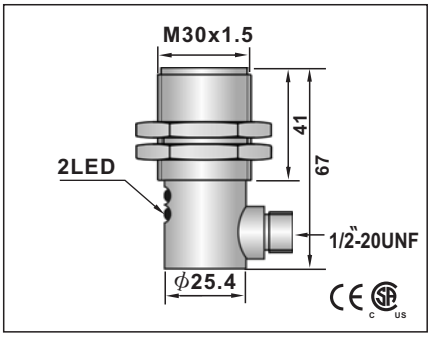
20-250 VAC, 50-60 Hz; 20-250 VDC
DC RIPPLE <10%
<2.5mA
200mA
<2.5mA
2.2A for 20ms
5mA
<=10 VAC :<=8 VDC
25HZ AC; 40 Hz DC
10ms/10ms
<15% (Sr)
<1.0% (Sr)
IP67
-25°C - +70°C
<10% (Sr)
YES
-
-
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
ETFE

WCM1-3010U-AZL3	65	WCM2-3015U-AZL3
WCM1-3010U-BZL3	65	WCM2-3015U-BZL3

Approx.187 g	Approx.179 g

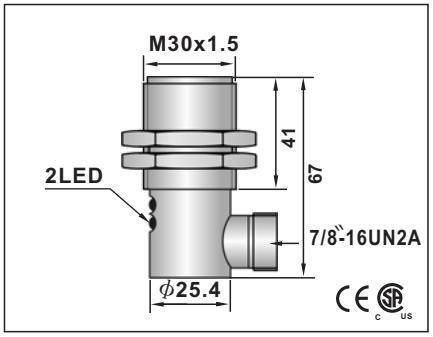
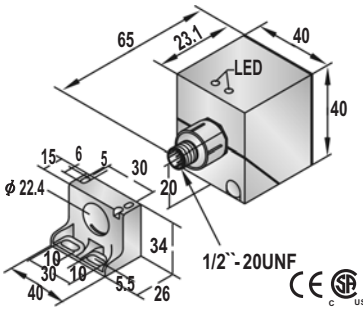
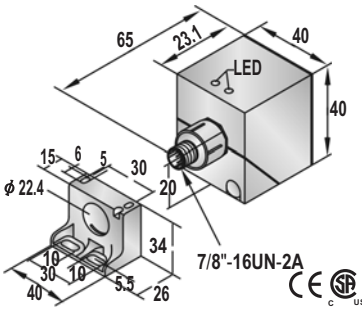
Note:
Coming Soon : Part numbers with underline

AC/DC INDUCTIVE SENSORS WELD FIELD IMMUNE

M 30		M 30		M 30	
●	○	●	○	●	
10 mm	15 mm	10 mm	15 mm	10 mm	
PTFE Coated Brass		PTFE Coated Brass		PTFE Coated Brass	
●		●		●	
					
20-250 VAC, 50-60 Hz; 20-250 VDC		20-250 VAC, 50-60 Hz; 20-250 VDC		20-250 VAC, 50-60 Hz; 20-250 VDC	
DC RIPPLE <10%		DC RIPPLE <10%		DC RIPPLE <10%	
<2.5mA		<2.5mA		<2.5mA	
200mA		200mA		200mA	
<2.5mA		<2.5mA		<2.5mA	
2.2A for 20ms		2.2A for 20ms		2.2A for 20ms	
5mA		5mA		5mA	
<=10 VAC :<=8 VDC		<=10 VAC :<=8 VDC		<=10 VAC :<=8 VDC	
25HZ AC; 40 Hz DC		25HZ AC; 40 Hz DC		25HZ AC; 40 Hz DC	
10ms/10ms		10ms/10ms		10ms/10ms	
<15% (Sr)		<15% (Sr)		<15% (Sr)	
<1.0% (Sr)		<1.0% (Sr)		<1.0% (Sr)	
IP67		IP67		IP67	
-25°C - +70°C		-25°C - +70°C		-25°C - +70°C	
<10% (Sr)		<10% (Sr)		<10% (Sr)	
YES		YES		YES	
-		-		-	
-		-		-	
RFI>3V/m / EFT>1KV / ESD>4KV (contact)		RFI>3V/m / EFT>1KV / ESD>4KV (contact)		RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
ETFE		ETFE		ETFE	
WCM1-3010U-AZL3Y	65	WCM2-3015U-AZL3Y	WCM1-3010U-AUL3Y	65	WCM2-3015U-AUL3Y	WCM1-3010U-AUL3Y/2	65
WCM1-3010U-BZL3Y	65	WCM2-3015U-BZL3Y	WCM1-3010U-BUL3Y	65	WCM2-3015U-BUL3Y	WCM1-3010U-BUL3Y/2	65
Approx.311 g	Approx.356 g		Approx.311 g	Approx.356 g		Approx.250 g	

Note:
Coming Soon : Part numbers with underline

AC/DC INDUCTIVE SENSORS WELD FIELD IMMUNE

M 30	Q40s	Q40s
●	●	●
10 mm	15mm	15mm
PTFE Coated Brass	PTFE Coated PBT / ALU	PTFE Coated PBT / ALU
●	●	●
		
20-250 VAC, 50-60 Hz; 20-250 VDC	20-250 VAC, 50-60 Hz; 20-250 VDC	20-250 VAC, 50-60 Hz; 20-250 VDC
DC RIPPLE <10%	DC RIPPLE <10%	DC RIPPLE <10%
<2.5mA	<2.5mA	<2.5mA
200mA	200mA	200mA
<2.5mA	<2.5mA	<2.5mA
2.2A for 20ms	2.2A for 20ms	2.2A for 20ms
5mA	5mA	5mA
<=10 VAC :<=8 VDC	<=10 VAC :<=8 VDC	<=10 VAC :<=8 VDC
25HZ AC; 40 Hz DC	25HZ AC; 40 Hz DC	25HZ AC; 40 Hz DC
10ms/10ms	10ms/10ms	10ms/10ms
<15% (Sr)	<15% (Sr)	<15% (Sr)
<1.0% (Sr)	<1.0% (Sr)	<1.0% (Sr)
IP67	IP67	IP67
-25°C - +70°C	-25°C - +70°C	-25°C - +70°C
<10% (Sr)	<10% (Sr)	<10% (Sr)
YES	YES	YES
-	-	-
-	-	-
RFI>3V/m / EFT>1KV / ESD>4KV (contact)	RFI>3V/m / EFT>1KV / ESD>4KV (contact)	RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
ETFE	ETFE	ETFE
WCM1-3010U-AZL3Y/2 65	WQP1-4015U-AUS3 59	WQP1-4015U-AZS3 66
WCM1-3010U-BZL3Y/2 65	WQP1-4015U-BUS3 59	WQP1-4015U-BZS3 66
Approx.250 g	Approx.250g	Approx.250g

Note:
Coming Soon : Part numbers with underline