

AF2



AVENTICS™

Sensori AVENTICS serie AF2


EMERSON™

Serie AF2

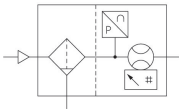
La serie AF2 AVENTICS è costituita da sensori di portata che monitorano il consumo d'aria nei sistemi pneumatici, consentendo un rapido intervento in caso di perdite. La serie AF2 aiuta a ottimizzare il consumo di energia, evitando tempi di inattività della macchina e tagliando i costi.

- Sensore di portata abilitato a IIoT
- Adatto per applicazioni standard
- Facilità di montaggio e funzionamento
- Dimensione ridotta per sfruttamento ottimale dello spazio di installazione
- Display OLED a colori e ruotabile
- Misura la portata, la pressione e la temperatura
- Semplice integrazione nelle unità di manutenzione o come versione autonoma
- Registratore di dati integrato
- Opzioni di comunicazione: collegamento I/O ed Ethernet



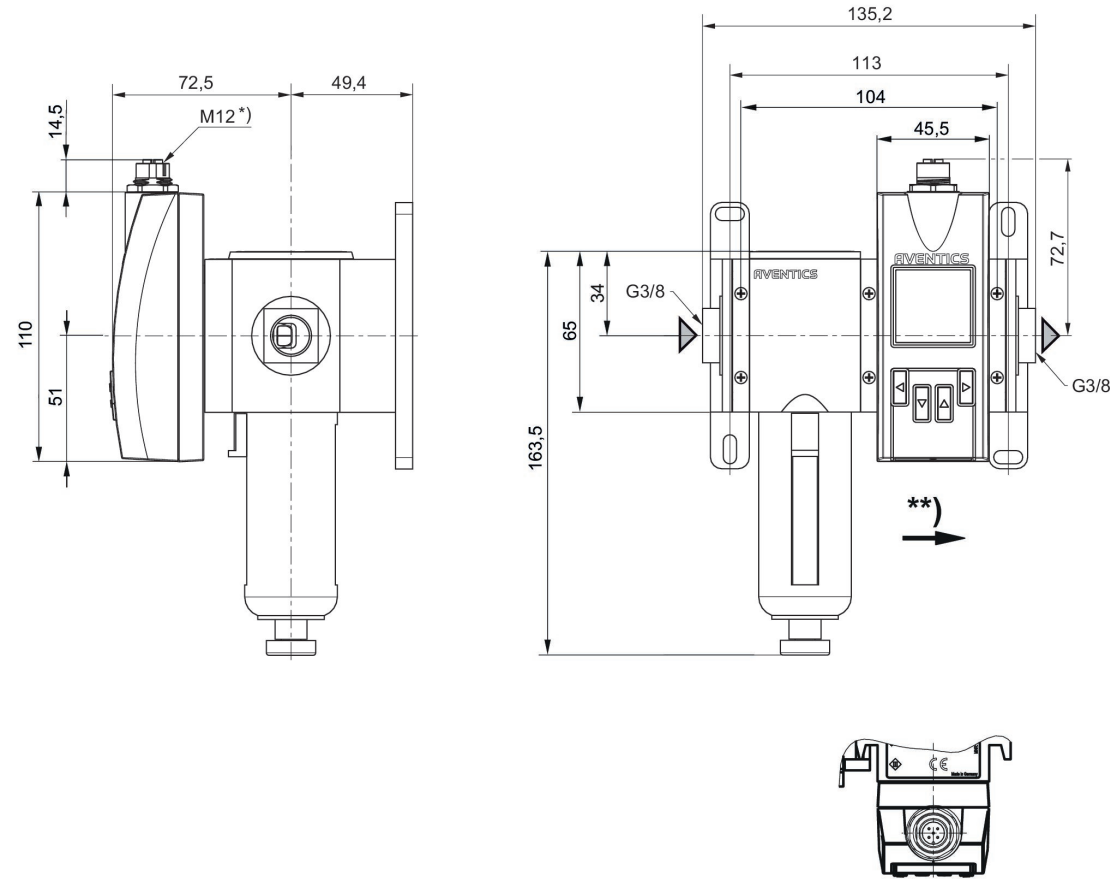
Flussometro serie AF2, Ethernet

Connettore
M12x1
AS2
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
A 8 poli



grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
AS2	Ethernet, TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	G 3/8	1060	R412026837

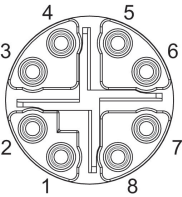
Dimensioni in mm



* Filettatura interna
** direzione di flusso

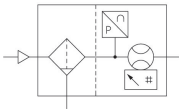
R412026837

Occupazione pin



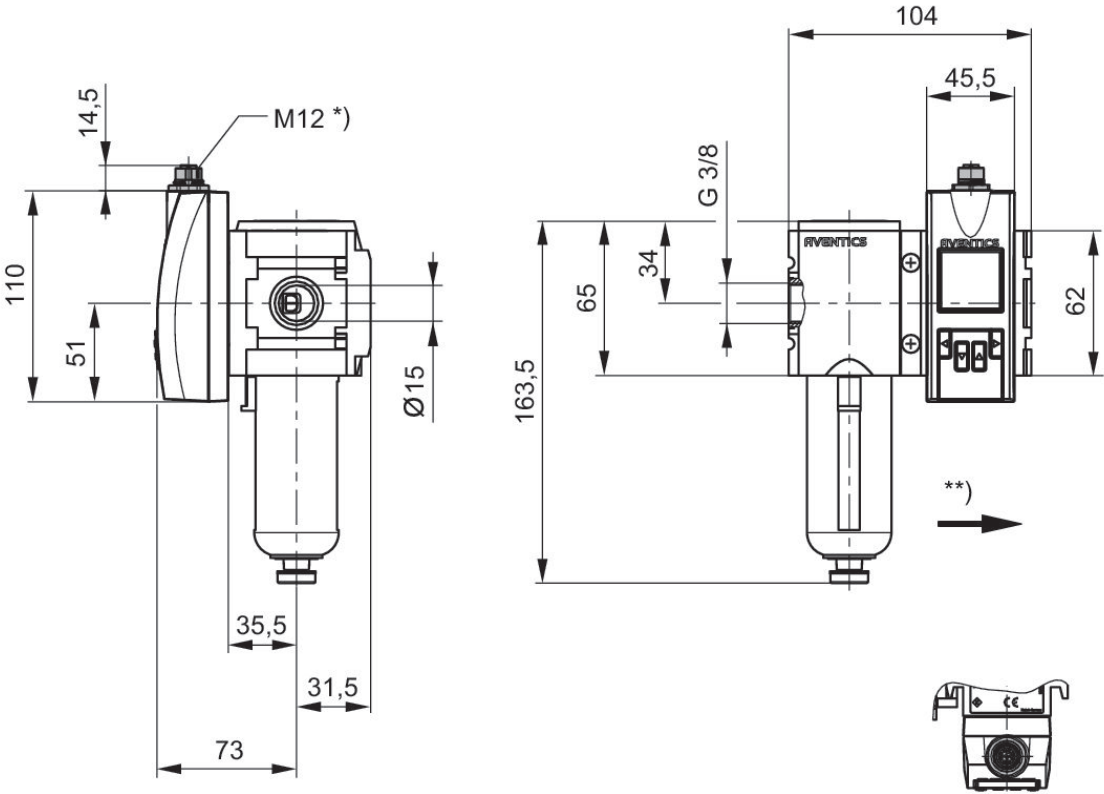
Flussometro serie AF2, Ethernet

Connettore
M12x1
AS2
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
A 8 poli



grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
AS2	Ethernet, TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	G 3/8	1060	R412027179

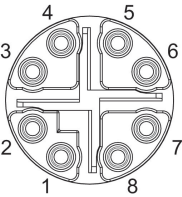
Dimensioni in mm



* Filettatura interna
** direzione di flusso

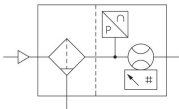
R412027179

Occupazione pin



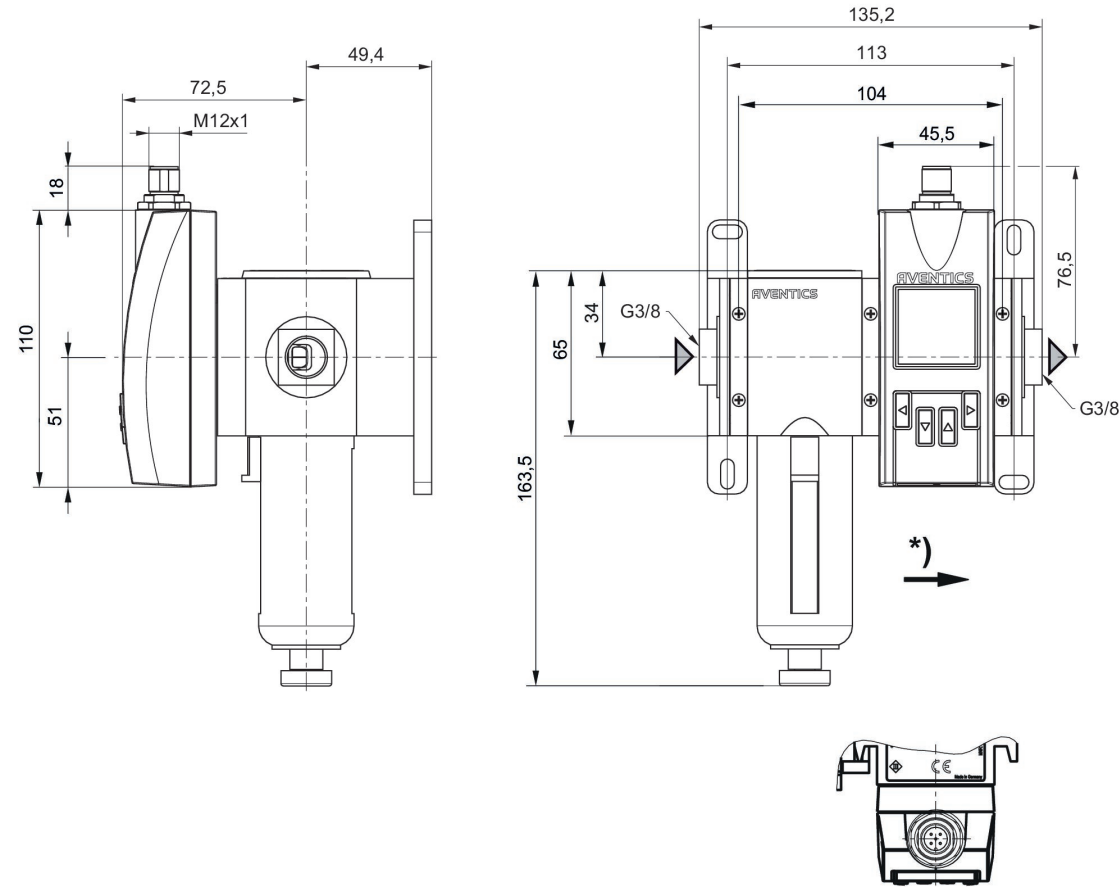
Flussometro serie AF2, IO-Link

Connettore
M12x1
AS2
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
a 5 poli



grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
AS2	IO-Link, Analogico	PNP, NPN, Push-pull, 1 x IO-Link	17-30 V DC	G 3/8	1060	R412026834

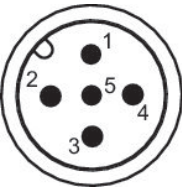
Dimensioni in mm



* direzione di flusso

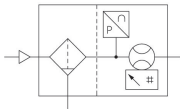
R412026834

Occupazione pin



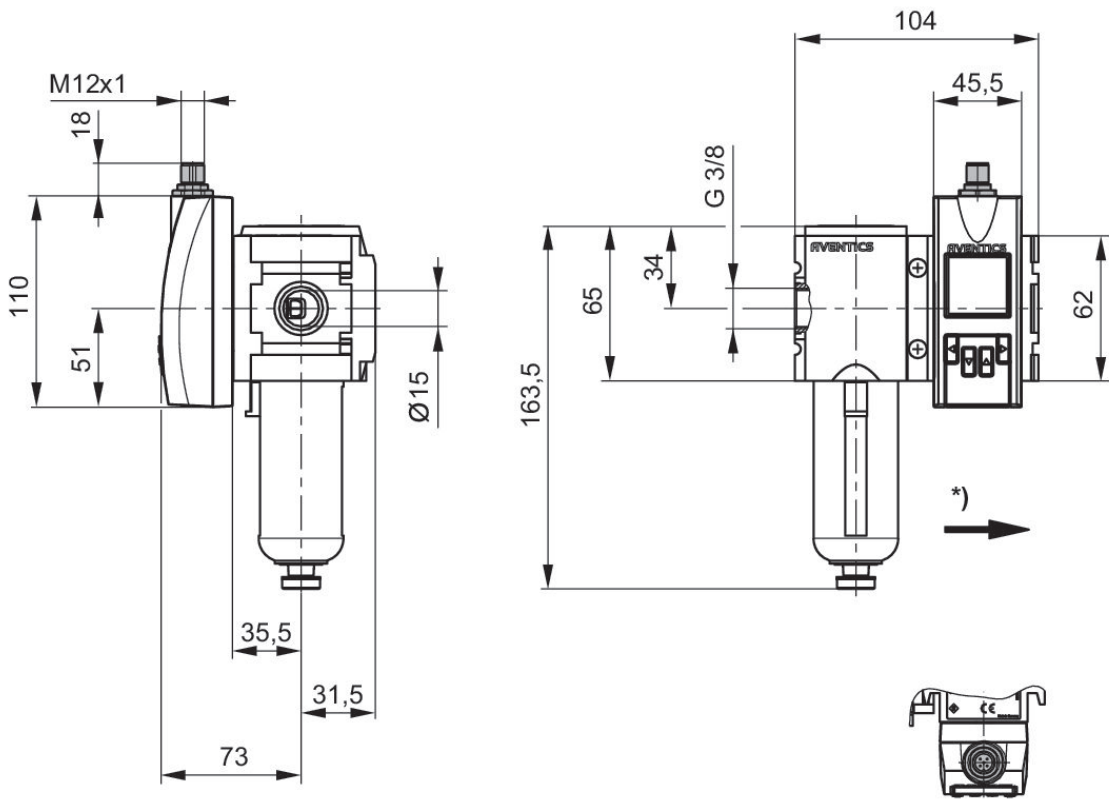
Flussometro serie AF2, IO-Link

Connettore
M12x1
AS2
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
a 5 poli



grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
AS2	IO-Link, Analogico	PNP, NPN, Push-pull, 1 x IO-Link	17-30 V DC	G 3/8	1060	R412027176

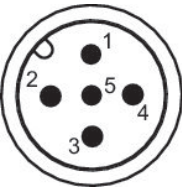
Dimensioni in mm



* direzione di flusso

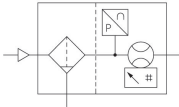
R412027176

Occupazione pin



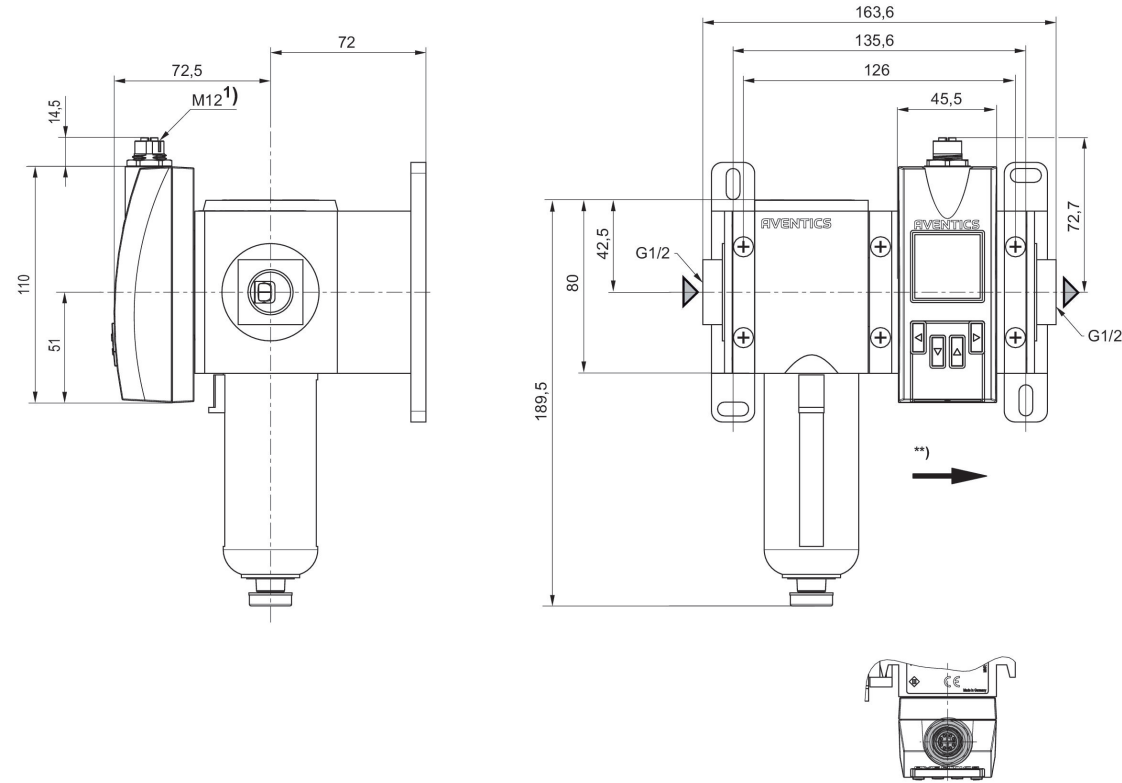
Flussometro serie AF2, Ethernet

Connettore
M12x1
AS3
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
A 8 poli



grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
AS3	Ethernet, TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	G 1/2	1630	R412026838

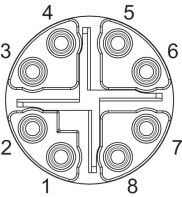
Dimensioni in mm



* Filettatura interna
** direzione di flusso

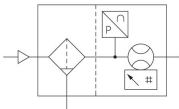
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Occupazione pin



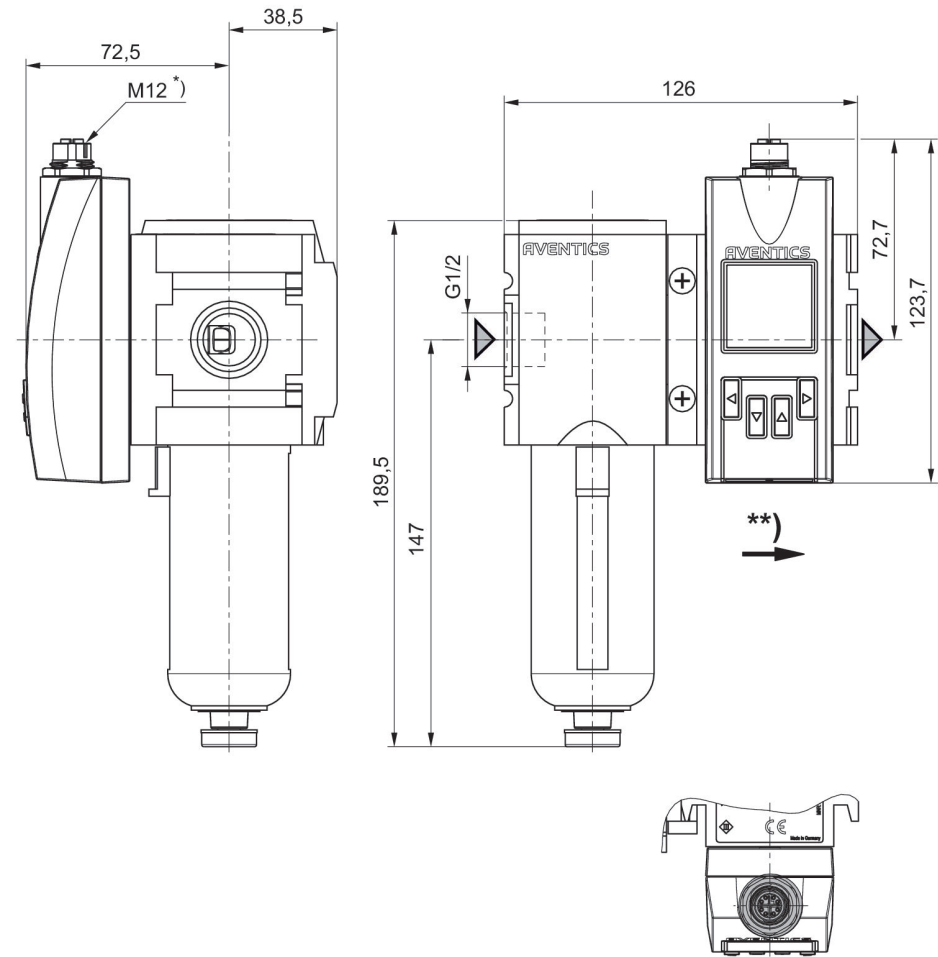
Flussometro serie AF2, Ethernet

Connettore
M12x1
AS3
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
A 8 poli



grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
AS3	Ethernet, TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	G 1/2	1630	R412027180

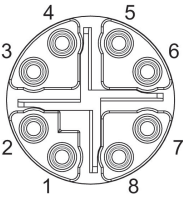
Dimensioni in mm



* Filettatura interna
** direzione di flusso

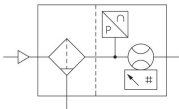
R412027180

Occupazione pin



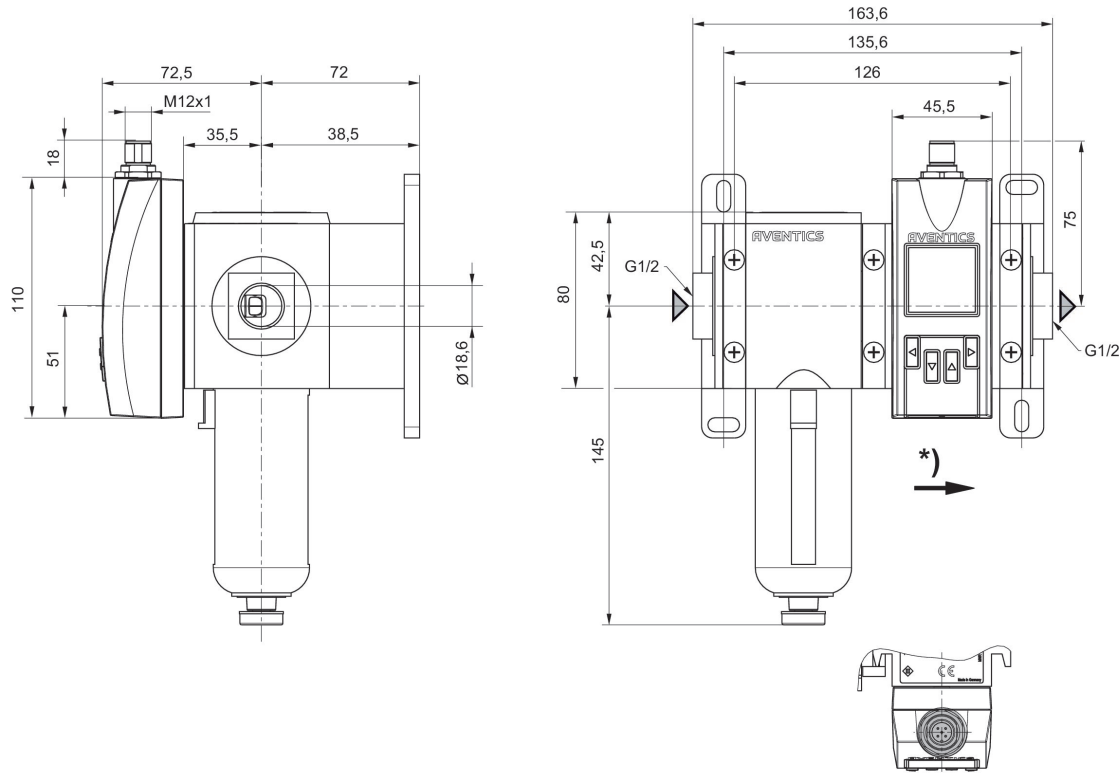
Flussometro serie AF2, IO-Link

Connettore
M12x1
AS3
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
a 5 poli



grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
AS3	IO-Link, Analogico	PNP, NPN, Push-pull, 1 x IO-Link	17-30 V DC	G 1/2	1630	R412026835

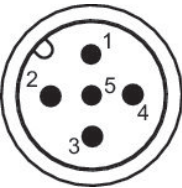
Dimensioni in mm



* direzione di flusso

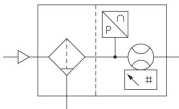
R412026835

Occupazione pin



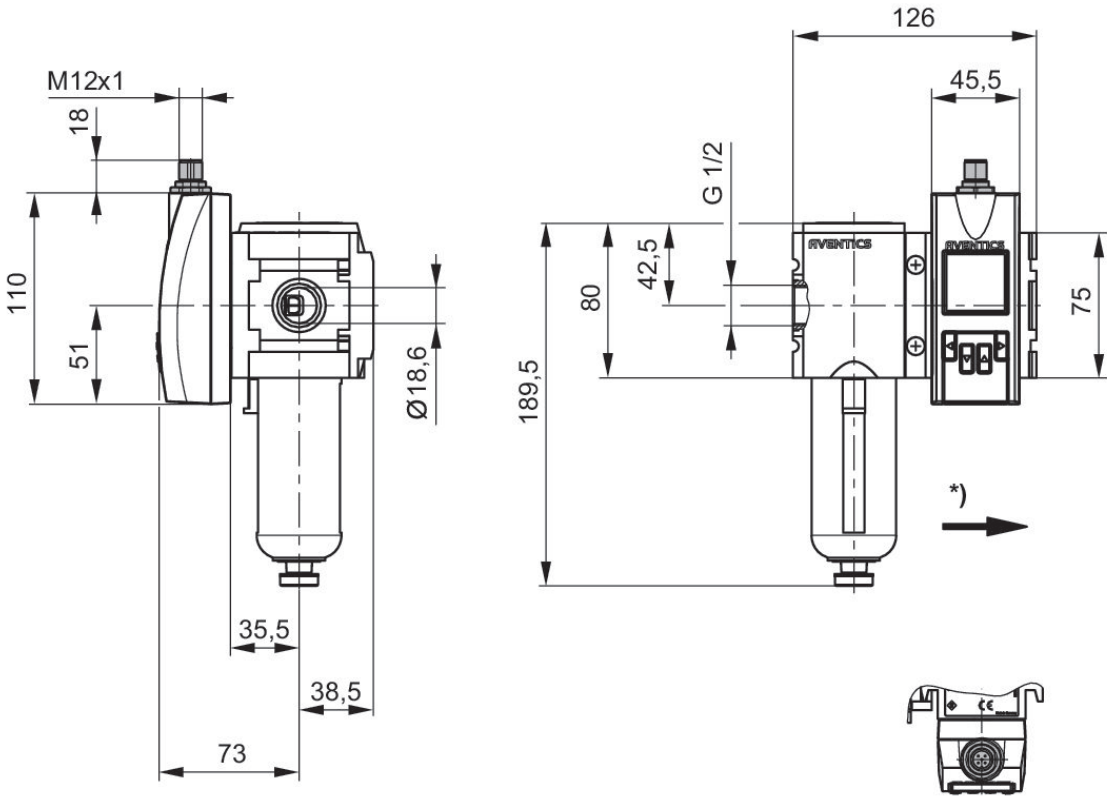
Flussometro serie AF2, IO-Link

Connettore
M12x1
AS3
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
a 5 poli



grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
AS3	IO-Link, Analogico	PNP, NPN, Push-pull, 1 x IO-Link	17-30 V DC	G 1/2	1630	R412027177

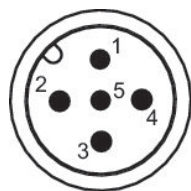
Dimensioni in mm



* direzione di flusso

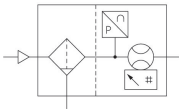
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Occupazione pin



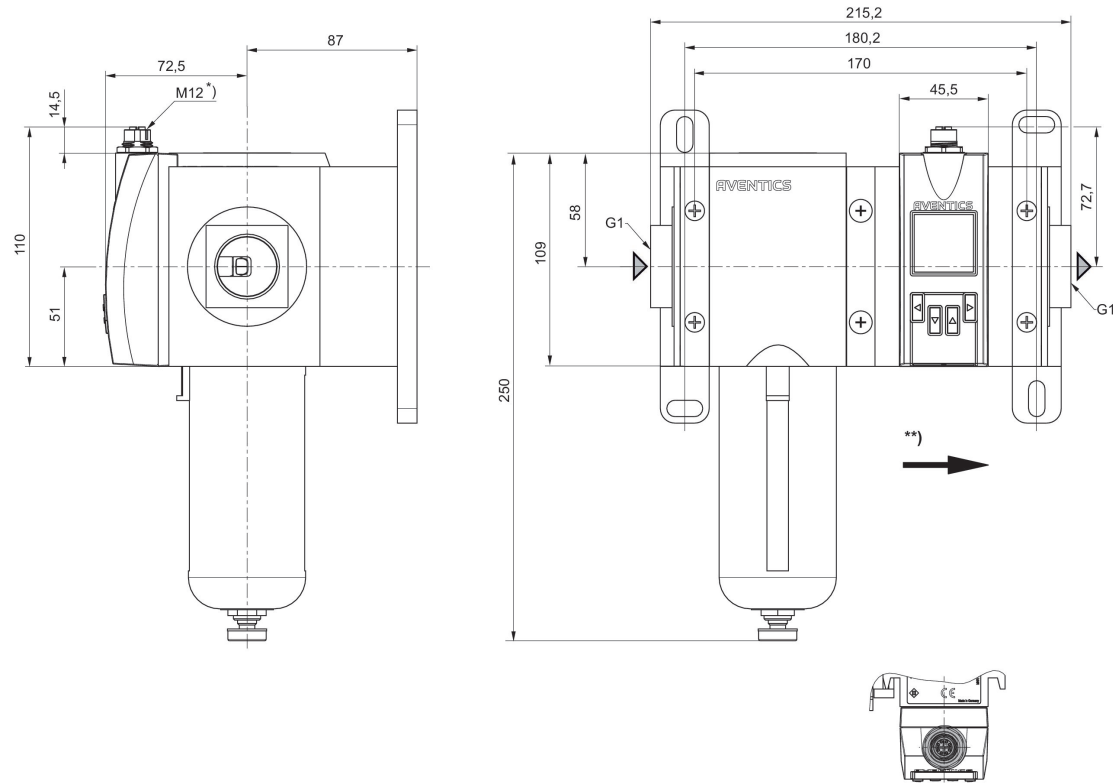
Flussometro serie AF2, Ethernet

Connettore
M12x1
AS5
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
A 8 poli



grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
AS5	Ethernet, TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	G 1	4326	R412026839

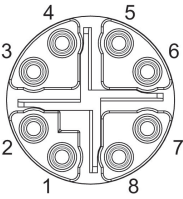
Dimensioni in mm



* Filettatura interna
** direzione di flusso

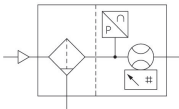
R412026839

Occupazione pin



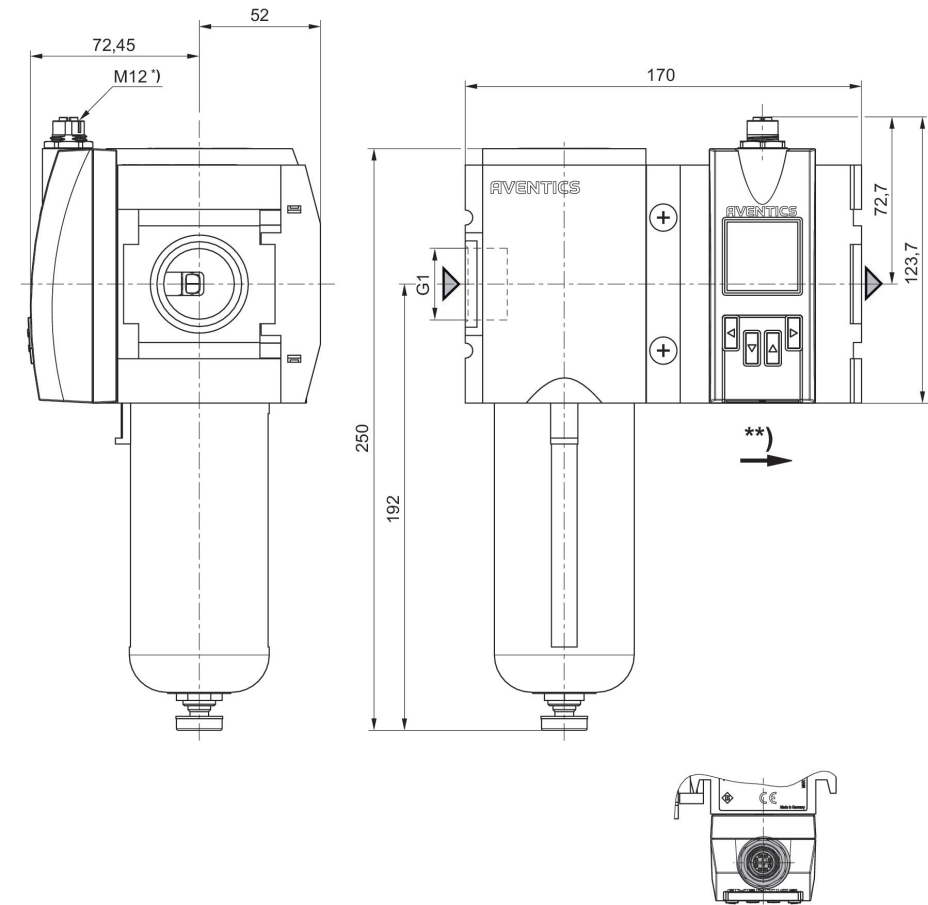
Flussometro serie AF2, Ethernet

Connettore
M12x1
AS5
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
A 8 poli



grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
AS5	Ethernet, TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	G 1	4326	R412027181

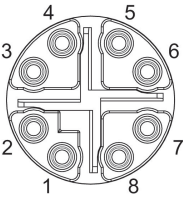
Dimensioni in mm



* Filettatura interna
** direzione di flusso

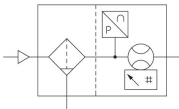
R412027181

Occupazione pin



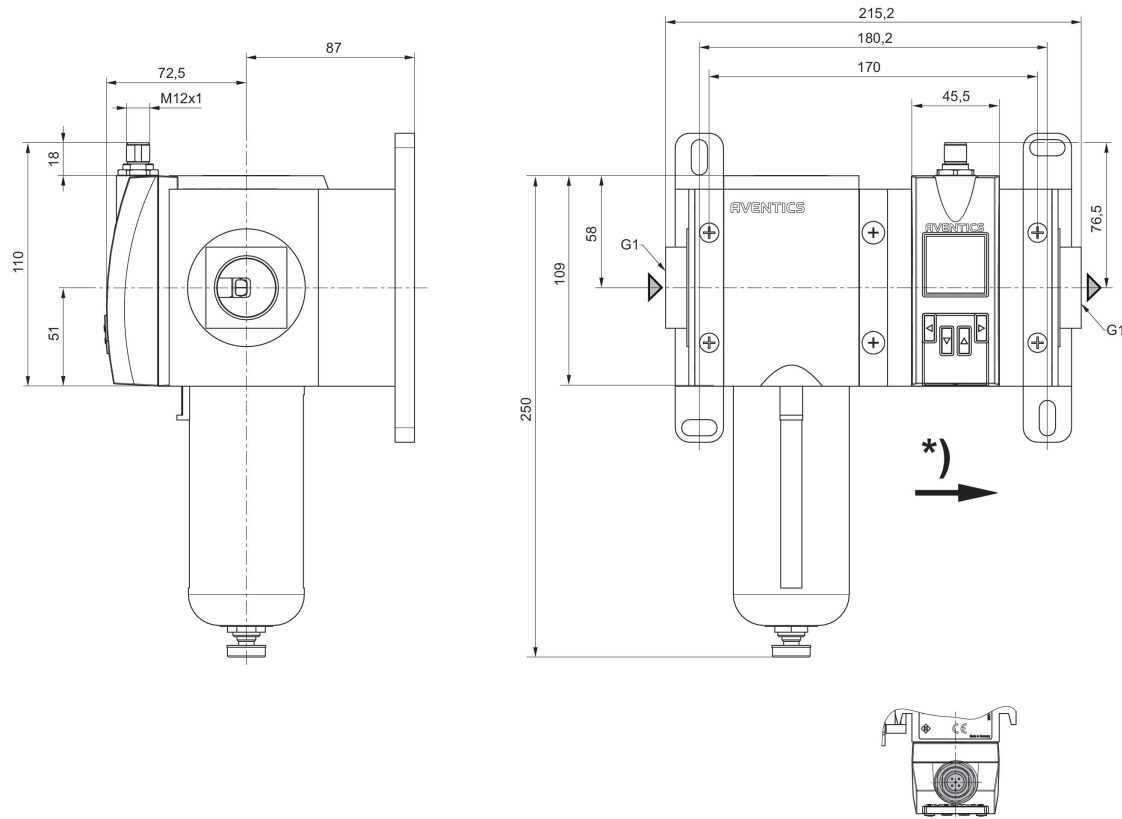
Flussometro serie AF2, IO-Link

Connettore
M12x1
AS5
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
a 5 poli



grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
AS5	IO-Link, Analogico	PNP, NPN, Push-pull, 1 x IO-Link	17-30 V DC	G 1	4326	R412026836

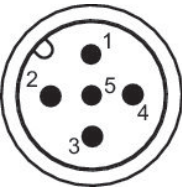
Dimensioni in mm



* direzione di flusso

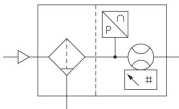
R412026836

Occupazione pin



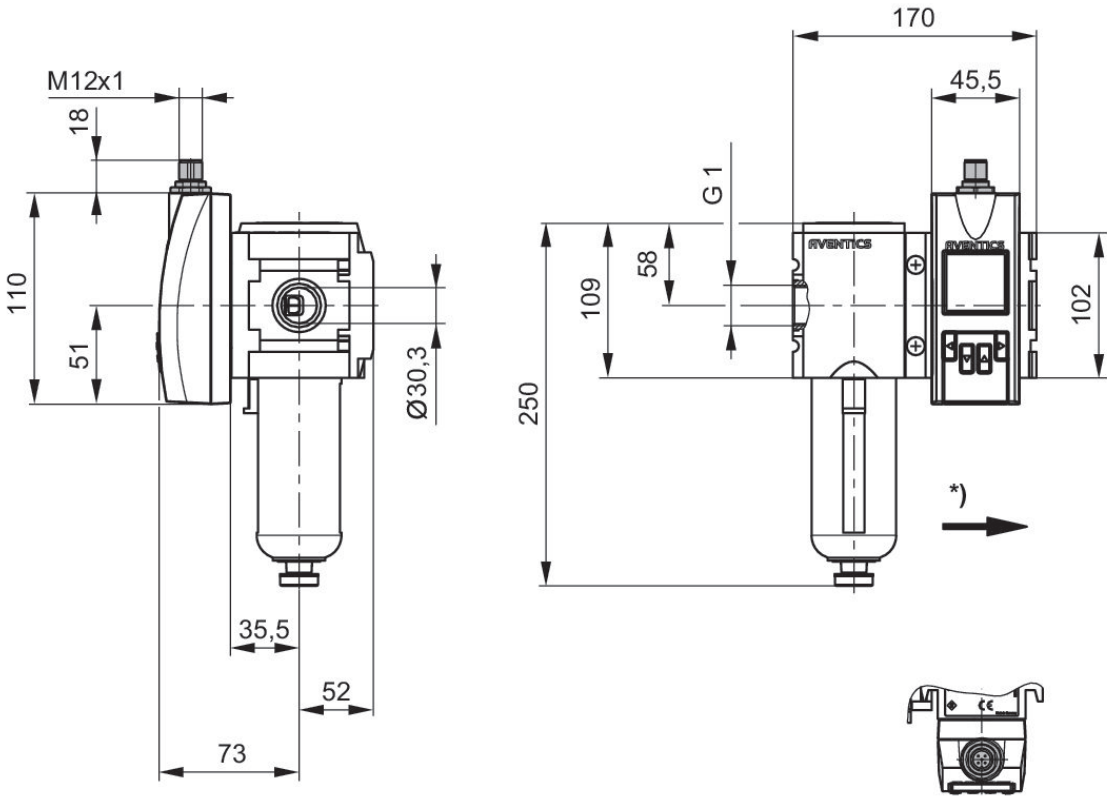
Flussometro serie AF2, Ethernet

Connettore
M12x1
AS5
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
a 5 poli



grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
AS5	IO-Link, Analogico	PNP, NPN, Push-pull, 1 x IO-Link	17-30 V DC	G 1	4326	R412027178

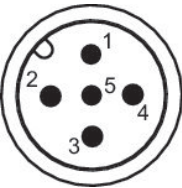
Dimensioni in mm



* direzione di flusso

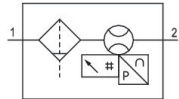
R412027178

Occupazione pin



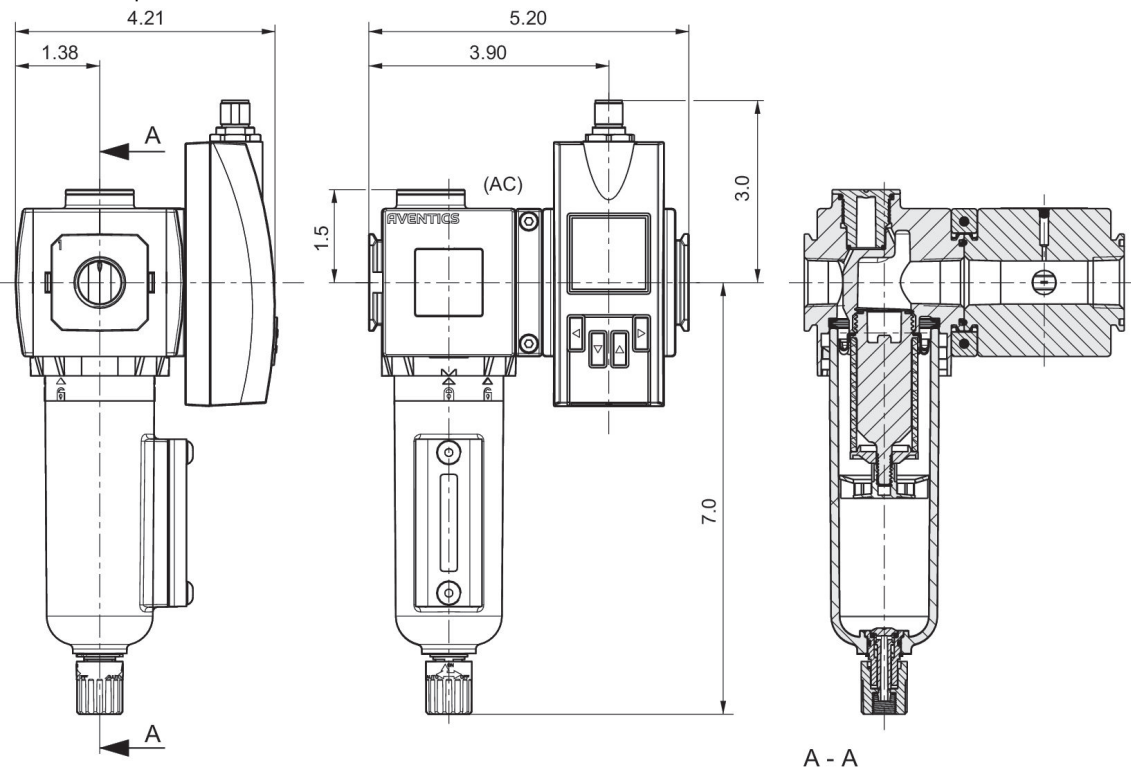
Flussometro serie AF2, Ethernet

Connettore
M12x1
652
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
A 8 poli



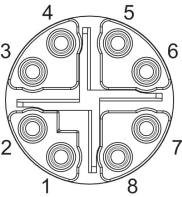
grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
652	Ethernet, TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	G 1/2	1630	G652A-VBP4JA001N
652	Ethernet, TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	1/2 NPT	1630	8652AVBP4JA001N

Dimensioni in pollici



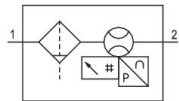
G652AVBP4JA001N, 8652AVBP4JA001N

Occupazione pin



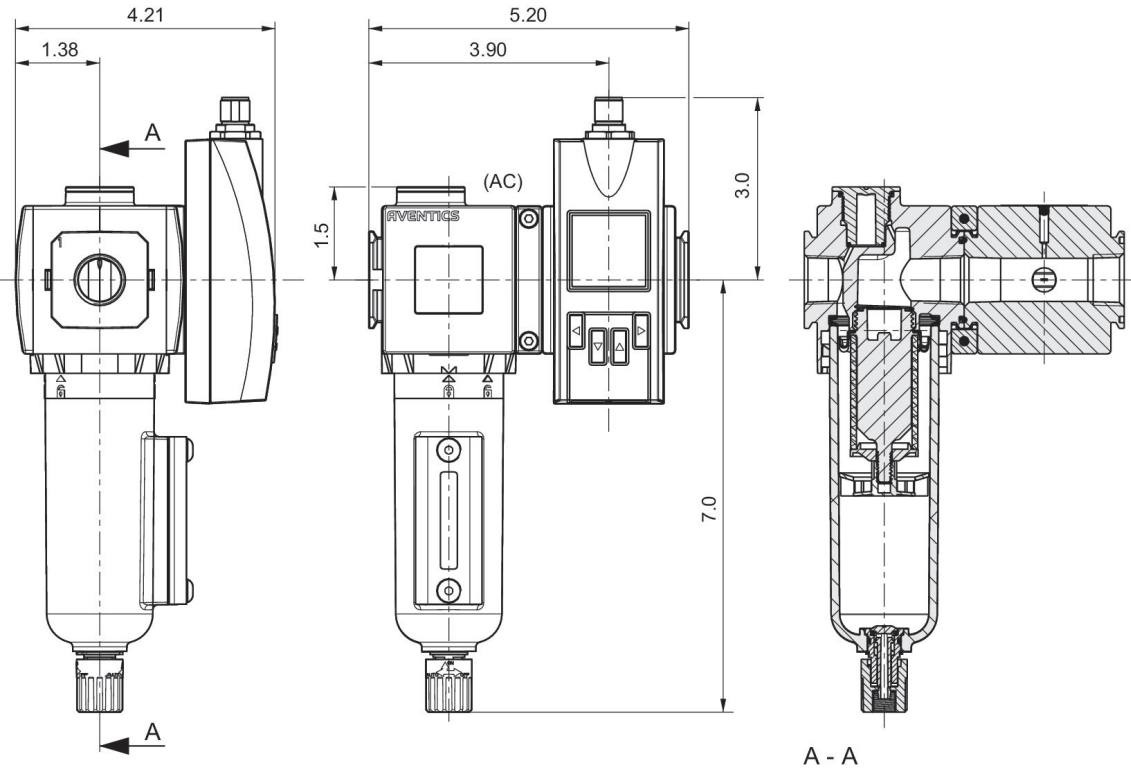
Flussometro serie AF2, IO-Link

1630 l/min
Connettore
M12x1
652
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
a 5 poli



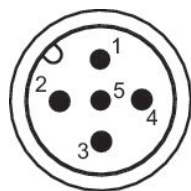
grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
652	IO-Link, Analogico	PNP, NPN, Push-pull, 1 x IO-Link	17-30 V DC	G 1/2	1630	G652A-VBP4JA000N
652	IO-Link, Analogico	PNP, NPN, Push-pull, 1 x IO-Link	17-30 V DC	1/2 NPT	1630	8652AVBP4JA000N

Dimensioni in pollici



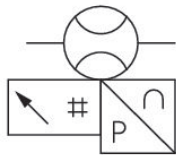
G652AVBP4JA000N, 8652AVBP4JA000N

Occupazione pin



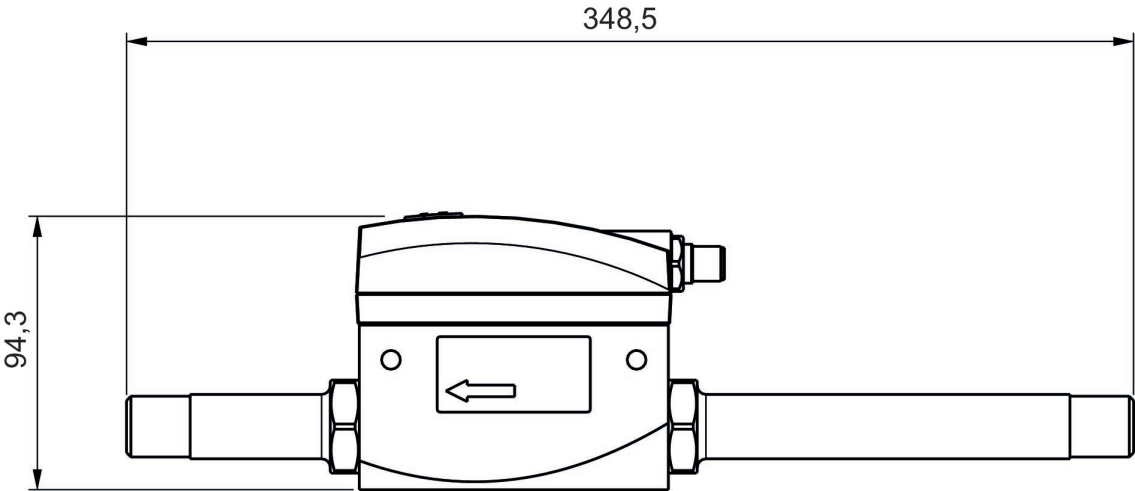
Flussometro serie AF2, Ethernet

Connettore
M12x1
DN15
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
A 8 poli



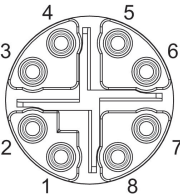
grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
DN15	Ethernet, TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	G 1/2	1060	G652AV004JA0010
DN15	Ethernet, TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	1/2 NPT	1060	8652AV004JA0010

Dimensioni in mm



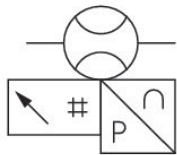
G652AV004JA0010, 8652AV004JA0010

Occupazione pin



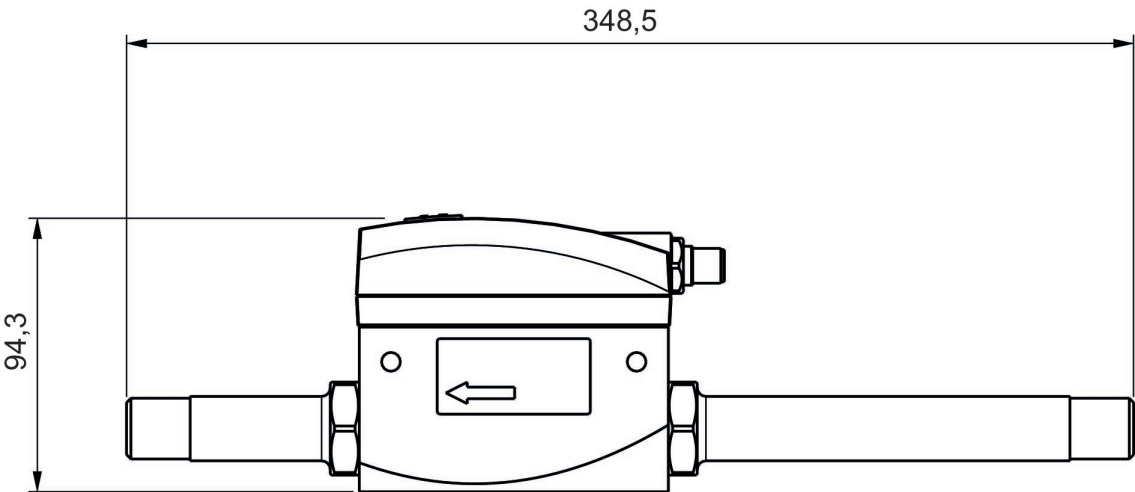
Flussometro serie AF2, IO-Link

Connettore
M12x1
DN15
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
a 5 poli



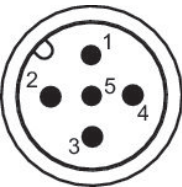
grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
DN15	IO-Link, Analogico	PNP, NPN, Push-pull, 1 x IO-Link	17-30 V DC	G 1/2	1060	G652AV004JA0000
DN15	IO-Link, Analogico	PNP, NPN, Push-pull, 1 x IO-Link	17-30 V DC	1/2 NPT	1060	8652AV004JA0000

Dimensioni in mm



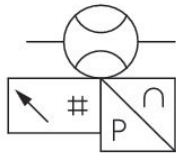
G652AV004JA0000, 8652AV004JA0000

Occupazione pin



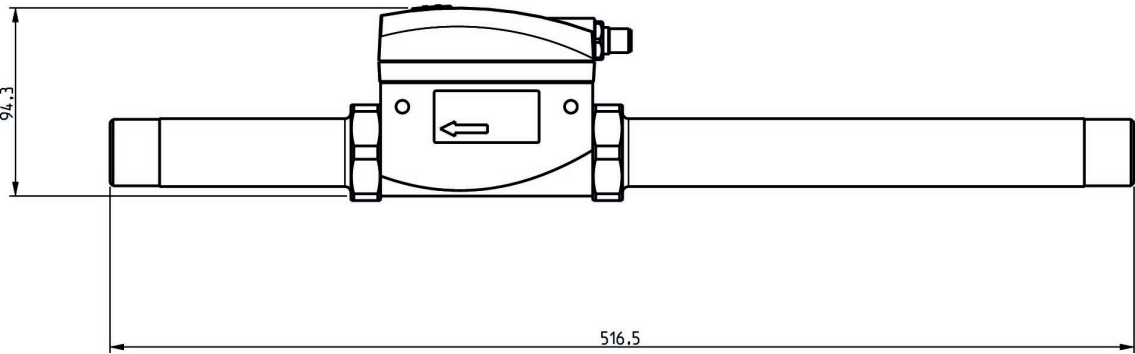
Flussometro serie AF2, Ethernet

2945 l/min
Connettore
M12x1
DN25
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
A 8 poli



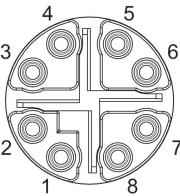
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DN25	TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	G 1	2945	G653AV006JA0010
DN25	TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	1 NPT	2945	8653AV006JA0010

Dimensioni in mm



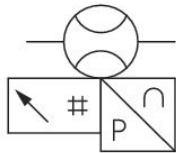
G653AV006JA0010, 8653AV006JA0010

Occupazione pin

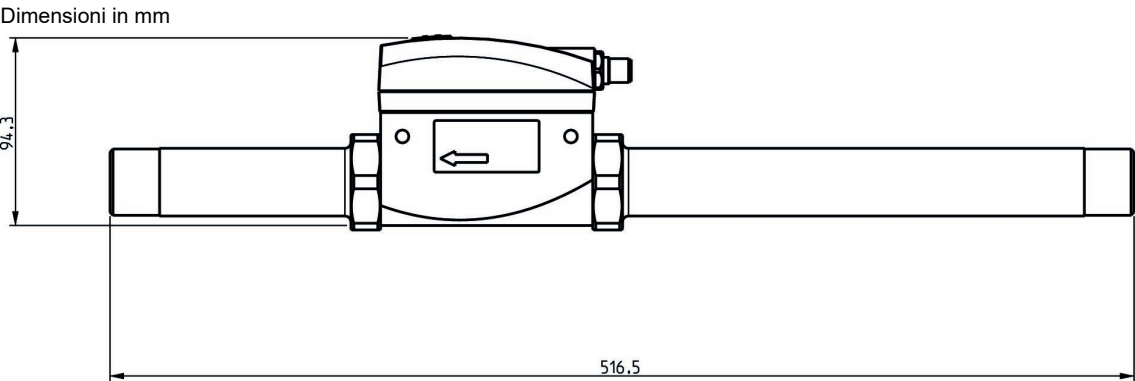


Flussometro serie AF2, IO-Link

2945 l/min
Connettore
M12x1
DN25
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
a 5 poli

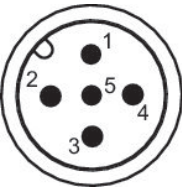


grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
DN25	IO-Link, Analogico	PNP, NPN, Push-pull, 1 x IO-Link	17-30 V DC	G 1	2945	G653AV006JA0000
DN25	IO-Link, Analogico	PNP, NPN, Push-pull, 1 x IO-Link	17-30 V DC	1 NPT	2945	8653AV006JA0000



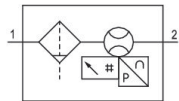
G653AV006JA0000, 8653AV006JA0000

Occupazione pin



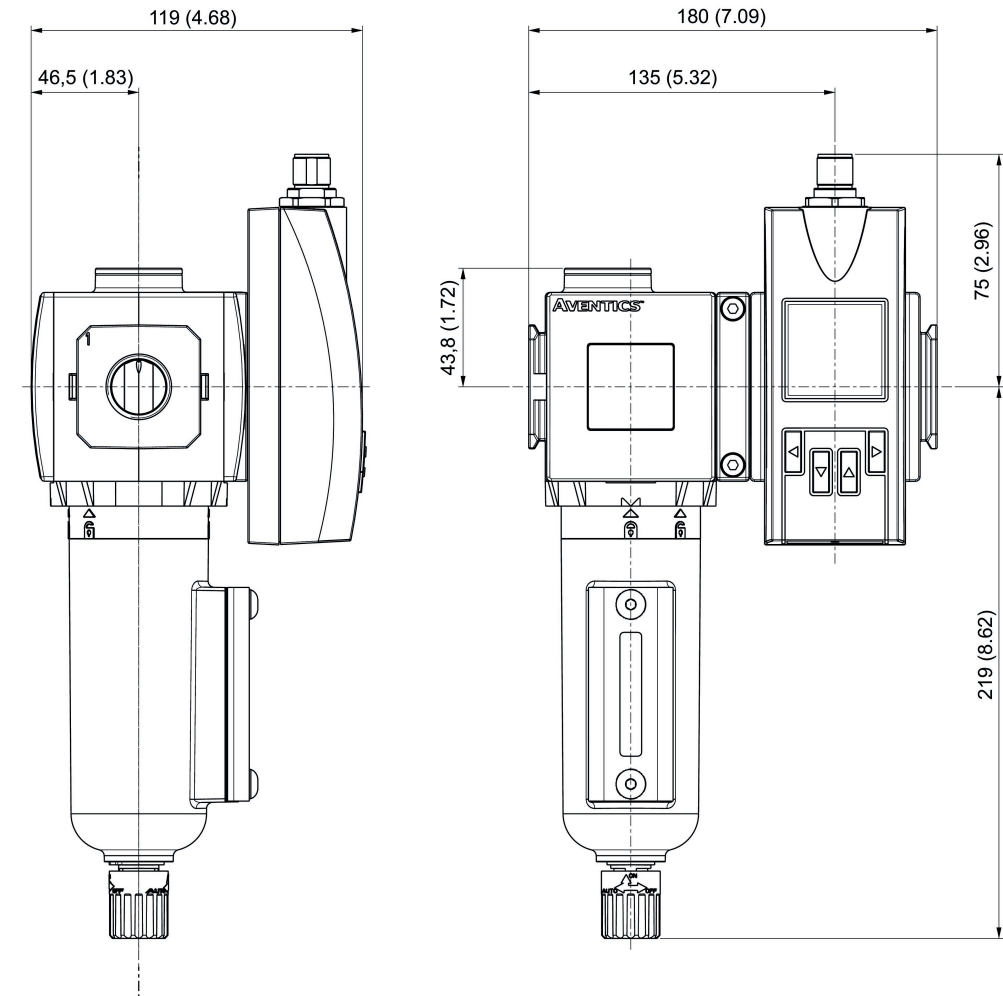
Flussometro serie AF2, IO-Link

653



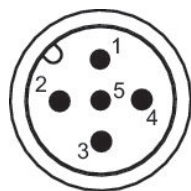
grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
653	IO-Link	PNP/NPN/Push-Pull, commutabile	17-30 V DC	G 1	4328	G653A-VBP6JA000N
653	IO-Link	PNP/NPN/Push-Pull, commutabile	17-30 V DC	1 NPT	4328	8653AVBP6JA000N

Dimensioni



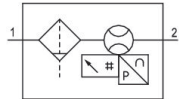
G653AVBP6JA000N, 8653AVBP6JA000N

Occupazione pin



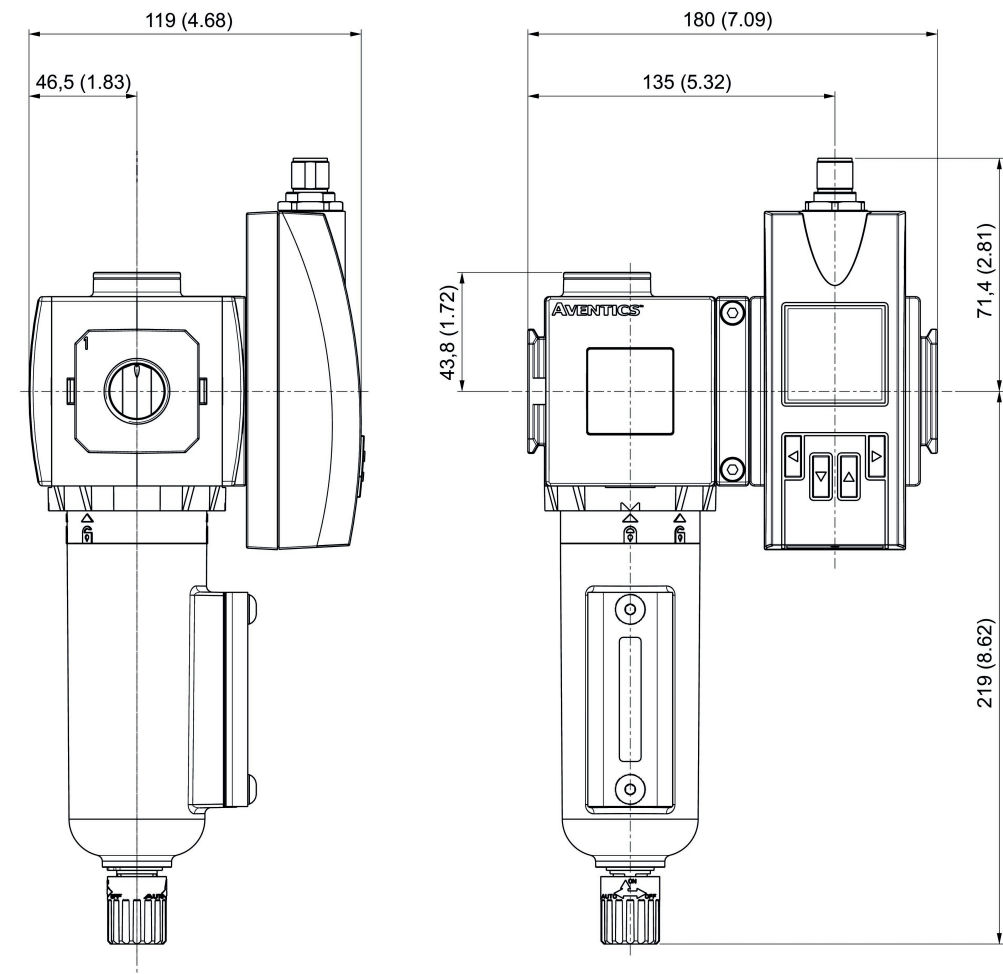
Flussometro serie AF2, Ethernet

Connettore
M12x1
653
Dichiarazione di conformità CE
RoHS
A 8 poli



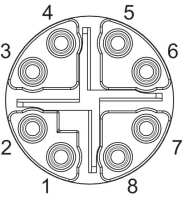
grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
653	TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	G 1	4328	G653A-VBP6JA001N
653	TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	1 NPT	4328	8653AVBP6JA001N

Dimensioni



G653AVBP6JA001N, 8653AVBP6JA001N

Occupazione pin



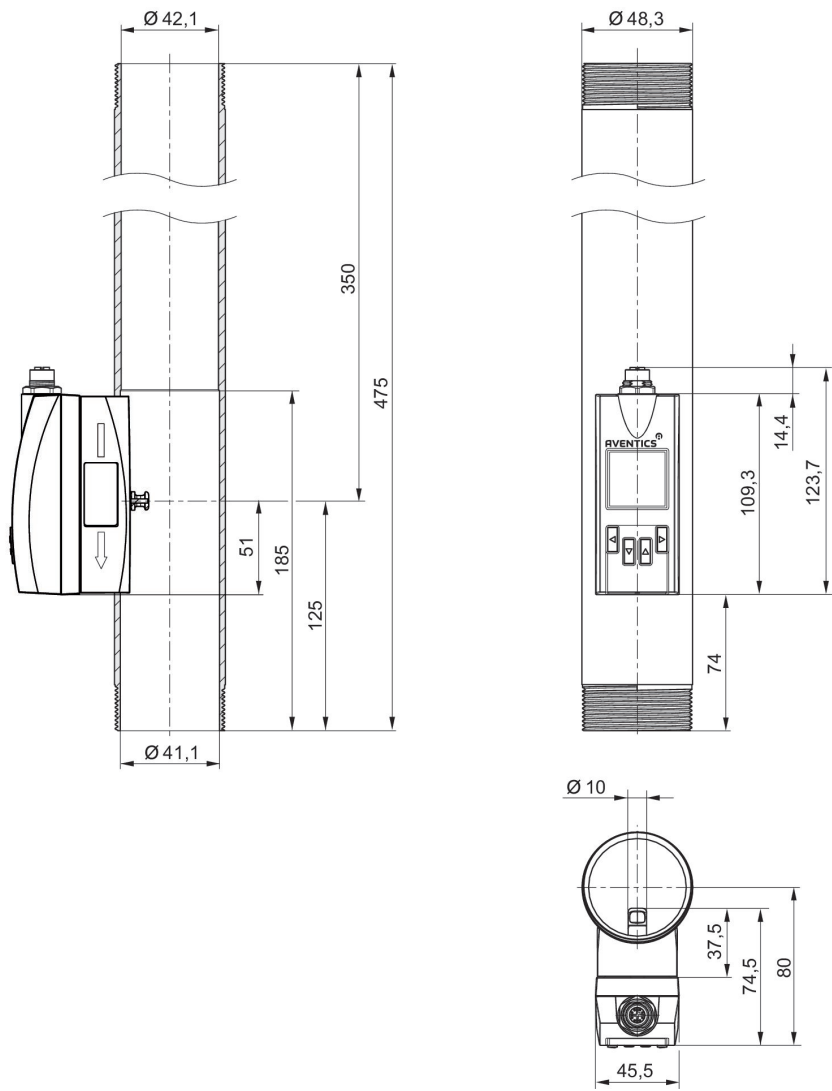
Flussometro serie AF2, Ethernet

7540 l/min
Connettore
M12x1
DN40
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
A 8 poli



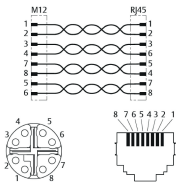
grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
DN40	Ethernet, TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	R 1 1/2	7540	R412028643
DN40	Ethernet, TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	1 1/2 NPT	7540	R412028645

Dimensioni in mm



R412028643, R412028645

Occupazione pin



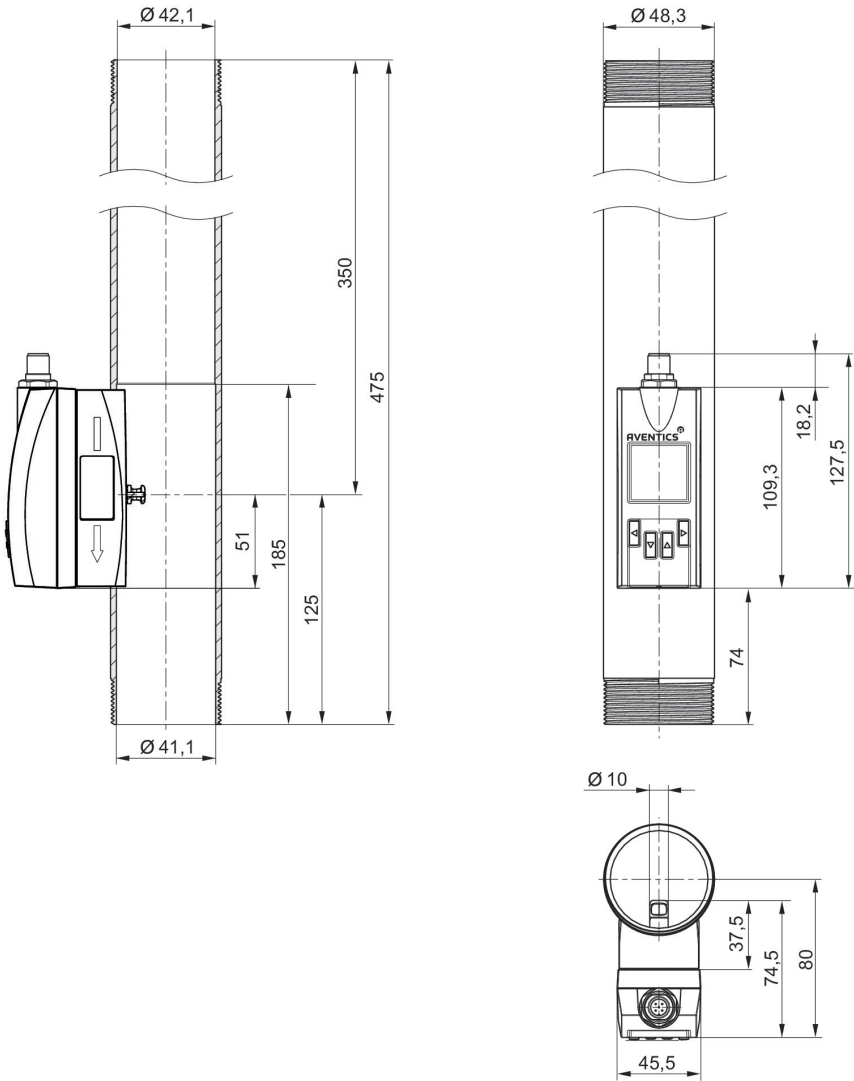
Flussometro serie AF2, IO-Link

7540 l/min
Connettore
M12x1
DN40
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
a 5 poli



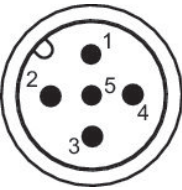
grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
DN40	IO-Link, Analogico	PNP, NPN, Push-pull, 1 x IO-Link	17-30 V DC	1 1/2 NPT	7540	R412028644
DN40	IO-Link, Analogico	PNP, NPN, Push-pull, 1 x IO-Link	17-30 V DC	R 1 1/2	7540	R412028642

Dimensioni in mm



R412028644, R412028642

Occupazione pin



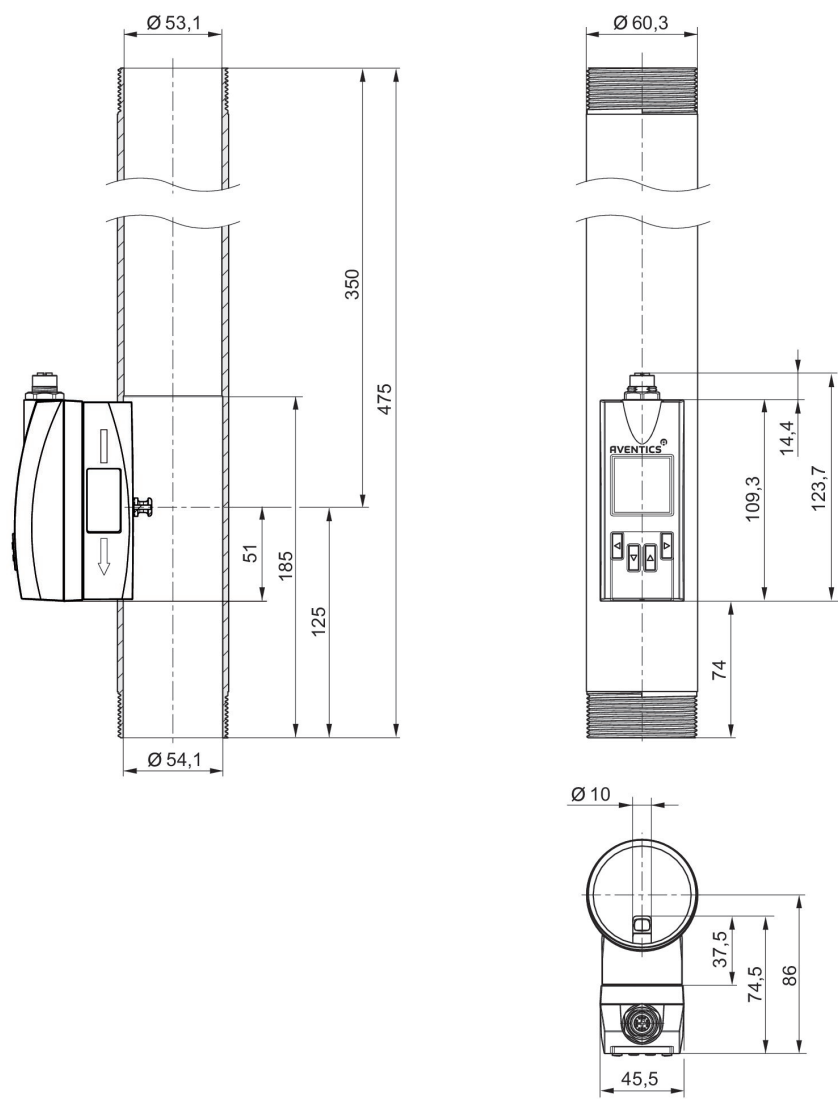
Flussometro serie AF2, Ethernet

11780 l/min
Connettore
M12x1
DN50
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
A 8 poli



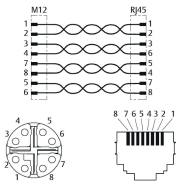
grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
DN50	Ethernet, TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	R 2	11780	R412028647
DN50	Ethernet, TCP/IP, OPC UA, MQTT	OPC UA, MQTT, Web server integrato	24 V DC	R 2 NPT	11780	R412028649

Dimensioni in mm



R412028647, R412028649

Occupazione pin



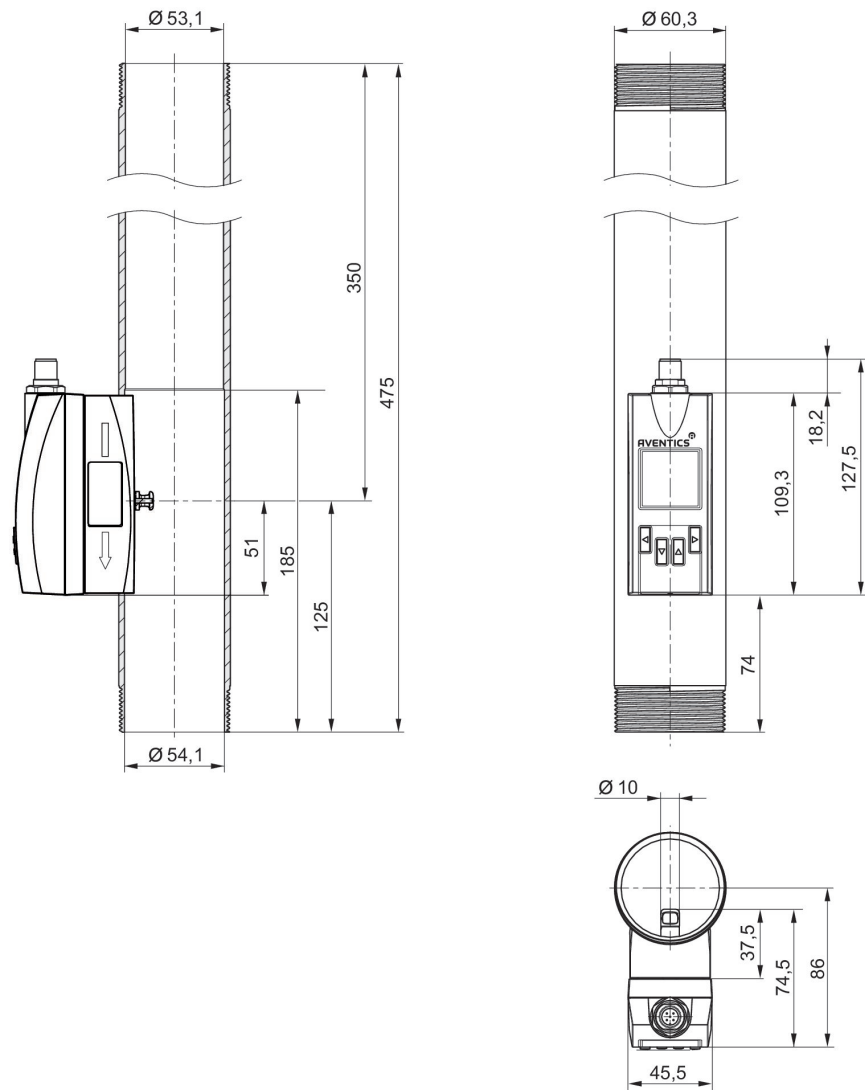
Flussometro serie AF2, IO-Link

11780 l/min
Connettore
M12x1
DN50
Dichiarazione di conformità CE
RoHS
UL (Underwriters Laboratories)
a 5 poli



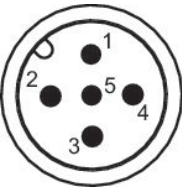
grandezza	Protocollo	Segnale in uscita	Tensione di esercizio	Raccordo	Portata [l/min]	Codice
DN50	IO-Link, Analogico	PNP, NPN, Push-pull, 1 x IO-Link	17-30 V DC	R 2	11780	R412028646
DN50	IO-Link, Analogico	PNP, NPN, Push-pull, 1 x IO-Link	17-30 V DC	R 2 NPT	11780	R412028648

Dimensioni in mm



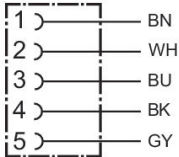
R412028646, R412028648

Occupazione pin



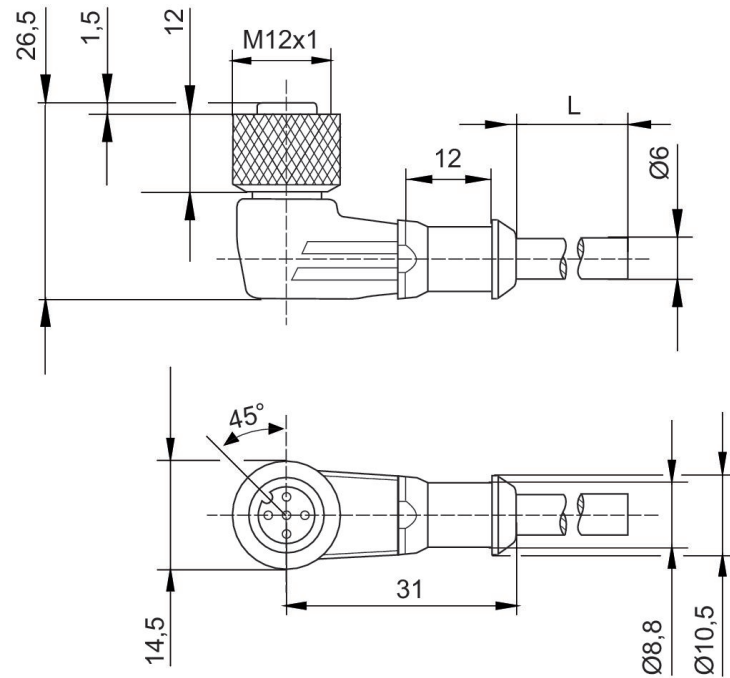
Connettori circolari ad innesto, Serie CON-RD

Boccola
M12x1
a 5 poli



Tensione di esercizio	Flusso [A]	Schermatura	Attacco elettrico 1, tipo	Conexión eléctrica 1, grandezza filettatura	Attacco elettrico 1, codifica	Attacco elettrico 2, tipo	Lunghezza cavo [m]	Cavo-Ø [mm]	Sezione del conduttore [mm²]	Temperatura ambiente min. [°C]	Temperatura ambiente max. [°C]	Codice
48 V AC/DC	4	schermato	Boccola	M12x1	Con codifica A	estremità cavo aperte	2.5	6	0.34	-25	80	R419800109
48 V AC/DC	4	schermato	Boccola	M12x1	Con codifica A	estremità cavo aperte	5	6	0.34	-25	80	R419800110
48 V AC/DC	4	schermato	Boccola	M12x1	Con codifica A	estremità cavo aperte	10	6	0.34	-25	80	R419800546

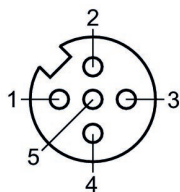
Dimensioni



L = lunghezza

R419800109, R419800110, R419800546

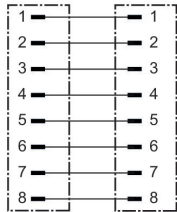
Schema dei poli presa



(1) BN=marrone (2) WH=bianco (3) BU=blu (4) BK=nero (5) GY=grigio

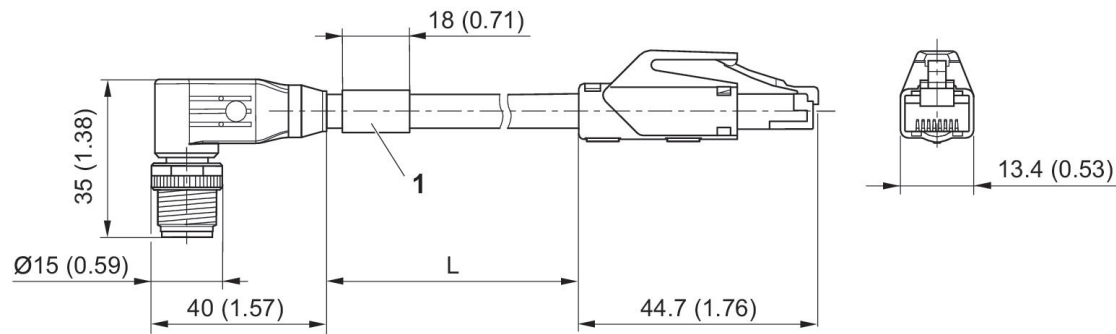
Connettori circolari con cavo, Serie CON-RD

Connettore
Connettore
M12x1
RJ45
A 8 poli
A 8 poli



Tensione di esercizio	Flusso [A]	Schermatura	Attacco elettrico 1, tipo	Conexi3n el3ctrica 1, grandezza filettatura	Attacco elettrico 1, codifica	Attacco elettrico 2, tipo	Conexi3n el3ctrica 2, grandezza filettatura	Attacco elettrico 2, codifica	Lunghezza cavo [m]	Sezione del conduttore [mm²]	Temperatura ambiente min. [°C]	Temperatura ambiente max. [°C]	Codice
60 V AC/DC	0.5	schermato	Connettore	M12x1	Con codifica X	Connettore	RJ45	Con codifica X	5	0.14	-25	85	R412027647

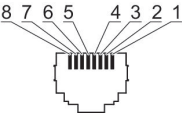
Dimensioni



1) Targhetta identificativa

R412027647

Schema dei poli connettore



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