



Interfaccia comunicazione PROFIBUS per Nemo 96HD/HD+/HDLe

Il modulo **IF96007A** abbinato a strumenti della serie **Nemo 96HD/HD+/HDLe** ne rende disponibili tramite comunicazione **PROFIBUS** tutti i dati riguardanti le misure effettuate ed i parametri di configurazione

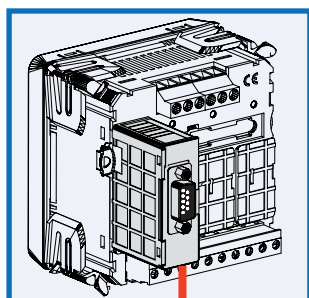
Interface PROFIBUS communication for Nemo 96HD/HD+/HDLe

Module **IF96007A** combined with meters of **Nemo 96HD/HD+/HDLe** series makes available, by **PROFIBUS** communication, all the data relevant to carried out measurement as well as the configuration parameters.

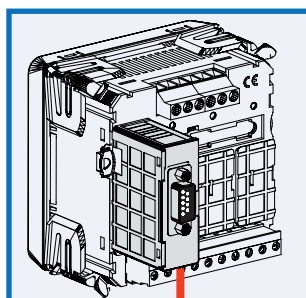
Nemo MD



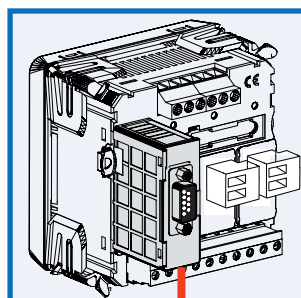
Nemo 96HD



Nemo 96HD +



Nemo 96HD Le



PROFIBUS



CODICI DI ORDINAZIONE ORDERING CODE

IF96007A

comunicazione PROFIBUS / PROFIBUS communication

LEGENDA:  = Parametro Programmabile

COMUNICAZIONE PROFIBUS

Isolata galvanicamente da ingressi misura e alim. (Nemo 96HD/HD+/HDLe)

Standard: PROFIBUS EN50170 - DP0

Tempo di risposta a interrogazione: ≤ 10ms

Distanza massima dal supervisore: secondo standard

Velocità trasmissione: fino a 12Mb

 N° indirizzo: 1...127

"Software disponibile sul sito www.imeitaly.com"

ALIMENTAZIONE AUSILIARIA

Valori riferiti all'abbinamento strumento multifunzione Nemo 96HD/HD+/HDLe e interfaccia IF96007A

Autoconsumo: ≤ 5VA

ISOLAMENTO

(EN61010)

Valori riferiti all'abbinamento strumento multifunzione Nemo 96HD/HD+/HDLe e interfaccia IF96007A

Prova a tensione alternata 2 kV valore efficace 50Hz/1min

Circuiti considerati: ingresso misura, alimentazione ausiliaria, comunicazione PROFIBUS

CUSTODIA

Custodia: modulo con connettore per inserimento Nemo 96HD/HD+/HDLe

Profondità massima: 81mm (Nemo 96HD/HD+/HDLe e modulo)

Connessioni: connettore 9 pin

Materiale custodia: policarbonato autoestinguente

Peso: 50 grammi

LEGENDA:  = Programmable Parameter

PROFIBUS COMMUNICATION

Galvanically insulated from input and aux. supply (Nemo 96HD/HD+/HDLe)

Standard: PROFIBUS EN50170 - DP0

Required response time to request: ≤ 10ms

Highest distance from supervisor: standard

Baud rate: up to 12Mb

 Address: 1...127

"Software available on the website www.imeitaly.com"

AUXILIARY SUPPLY

Value referred to combination Nemo 96HD/HD+/HDLe multifunction meters + IF96007A interface

Rated burden: ≤ 5VA

INSULATION

(EN61010)

Value referred to combination Nemo 96HD/HD+/HDLe multifunction meters + IF96007A interface

A.C. voltage test 2 kV r.m.s. value 50Hz/1min

Considered circuits: measure, aux. supply, PROFIBUS communication

HOUSING

Housing: module with connector for connection Nemo 96HD/HD+/HDLe meter

Max. depth: 81mm (Nemo 96HD/HD+/HDLe and module)

Connections: 9 pins connector

Housing material: self-extinguishing polycarbonate

Weight: 50 grams

Codice Code	Descrizione Description	Modello Multifunzione Multifunction Model
IF96007A	Comunicazione PROFIBUS PROFIBUS communication	Nemo 96HD
		Nemo 96HD +
		Nemo 96HDLe

N. Max.	Posizione Position				Firmware ¹	Nota Tecnica Technical Note
	A	B	C	D		
1	•				3.16	NT680
1	•				3.16	NT681
1	•				2.502	NT854

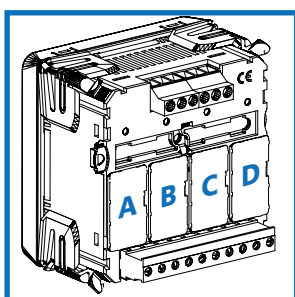
¹ VERSIONE FIRMWARE: In tabella vengono indicati gli strumenti con cui può essere utilizzato il modulo IF96007A, i vincoli di posizione e numero massimo di moduli utilizzabili. Viene inoltre indicata la versione Firmware dello strumento necessaria a supportare la funzione del modulo aggiuntivo.

Utilizzando un modulo comunicazione IF96001 (RS485) o IF96002 (RS232) o la comunicazione RS485 integrata nello strumento (dove prevista) è possibile aggiornare la versione Firmware direttamente in campo, con l'aiuto di un PC e del software di download.

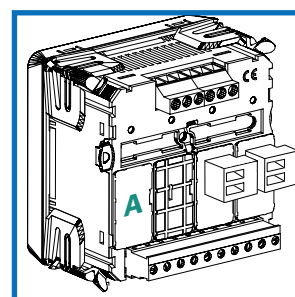
¹ FIRMWARE VERSION: The table shows the meters with which the IF96007A module can be used, the position constraints and the highest number of useable modules. Besides, it shows the meter Firmware version needed to support the additional module function.

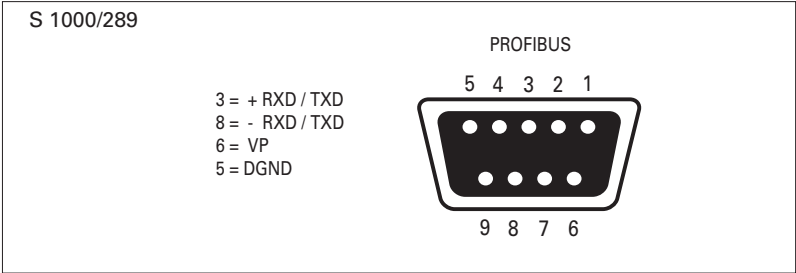
By using an IF96001 (RS485) or IF96002 (RS232) communication module or the built-in RS485 communication (for the models designed for it) and with the help of a PC and the download software, it is possible to directly update the Firmware version on site.

Nemo 96HD / HD+

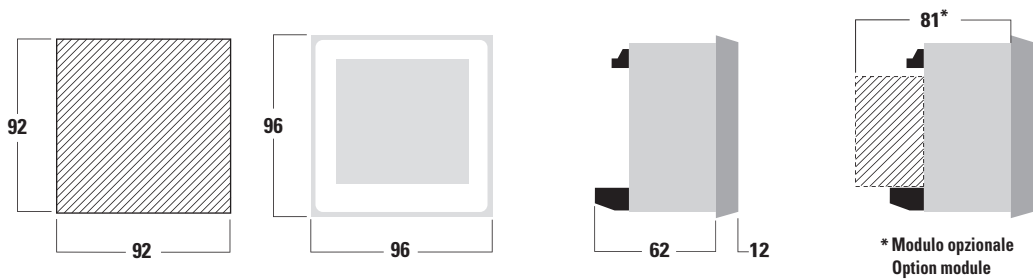


Nemo 96HDLe





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Interface Communication PROFIBUS pour Nemo 96HD/HD+

Le module IF96007A raccordé aux centrales de mesures type Nemo 96HD/HD+ permet de récupérer, par communication PROFIBUS, toutes les mesures effectuées ainsi que les paramètres de configuration

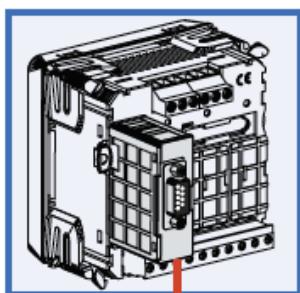
Interface PROFIBUS communication for Nemo 96HD/HD+/HDLe

Module IF96007A combined with meters of Nemo 96HD/HD+/HDLe series makes available, by PROFIBUS communication, all the data relevant to carried out measurement as well as the configuration parameters.

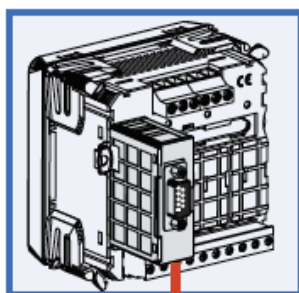
IF96007A



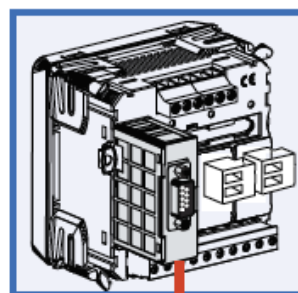
Nemo 96HD



Nemo 96HD +



Nemo 96HD Le



PROFIBUS



REFERENCE ORDERING CODE	
9017 6046	communication PROFIBUS / PROFIBUS communication

LEGENDE :  = Paramètres programmables

LEGEND :  = Programmable Parameter

COMMUNICATION PROFIBUS

Isolée galvaniquement de l'entrée et de l'alim.aux. (Nemo 96HD/HD+/HDLe)

Standard: PROFIBUS EN50170 - DP0

Temps de réponse à l'interrogation: ≤ 10ms

Distance max. du superviseur: standard

Vitesse de transmission: jusqu'à 12Mb

 Adresse: 1...127

"Software disponible sur le site www.imesys.fr"

ALIMENTATION AUXILIAIRE

Valeur référée à la combinaison du Nemo 96HD/HD+/HDLe. et interface IF96007A

Autoconsommation: ≤ 5VA

ISOLEMENT

(EN61010)

Valeur référée à la combinaison du Nemo 96HD/HD+/HDLe. + interface IF96007A

Tension d'essai 2 kV valeur efficace 50Hz/1min

Circuits considérés: entrée mesure, alimentation auxiliaire, communication PROFIBUS

BOITIER

Boîtier: module avec connecteur pour le raccordement sur le Nemo 96HD/HD+/HDLe

Profondeur maximum: 81mm (Nemo 96HD/HD+/HDLe et module)

Raccordement: connecteur 9 pins

Matériau du boîtier: polycarbonate autoextinguible

Poids: 50 grammes

PROFIBUS COMMUNICATION

Galvanically insulated from input and aux. supply (Nemo 96HD/HD+/HDLe)

Standard: PROFIBUS EN50170 - DP0

Required response time to request: ≤ 10ms

Highest distance from supervisor: standard

Baud rate: up to 12Mb

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AUXILIARY SUPPLY

Value referred to combination Nemo 96HD/HD+/HDLe multifunction meters . + IF96007A interface

Rated burden: ≤ 5VA

INSULATION

(EN61010)

Value referred to combination Nemo 96HD/HD+/HDLe multifunction meters + IF96007A interface

A.C. voltage test 2 kV r.m.s. value 50Hz/1min

Considered circuits: measure, aux. supply, PROFIBUS communication

HOUSING

Housing: module with connector for connection Nemo 96HD/HD+/HDLe meter

Max. depth: 81mm (Nemo 96HD/HD+/HDLe and module)

Connections: 9 pins connector

Housing material: self-extinguishing polycarbonate

Weight: 50 grams

Référence Code	Description Description	Modèle Nemo Multifunction Model	N. Max.	Position Position				Firmware¹	Notice technique Technical notice
				A	B	C	D		
9017 6046	Communication PROFIBUS PROFIBUS communication	Nemo 96HD	1	•				3.16	NT680
		Nemo 96HD+	1	•				3.16	NT681
		Nemo 96HDLe	1	•				2.502	NT854

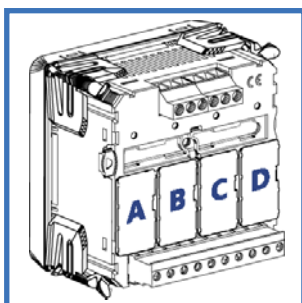
¹VERSION FIRMWARE : Le tableau montre les centrales de mesure avec lesquelles peut être utilisé le module **IF96007A**, les contraintes de position, et le nombre max de modules pouvant être utilisés. Ainsi que la version Firmware nécessaire pour supporter les fonction du module additionnel.

En utilisant un module de communication **IF96001 (RS485)** ou **IF96002 (RS232)** ou la communication RS485 intégrée (pour les modèles prévus pour cela), et à l'aide d'un PC et du logiciel téléchargé, l'utilisateur peut mettre à jour directement la version Firmware.

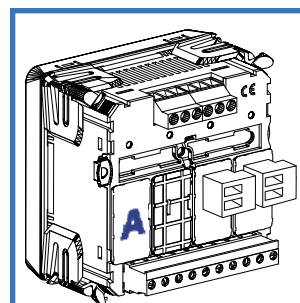
¹FIRMWARE VERSION : The table shows the meters with which the **IF96007A** module can be used, the position constraints and the highest number of useable module. Besides, it shows the meter Firmware version needed to support the additional module function.

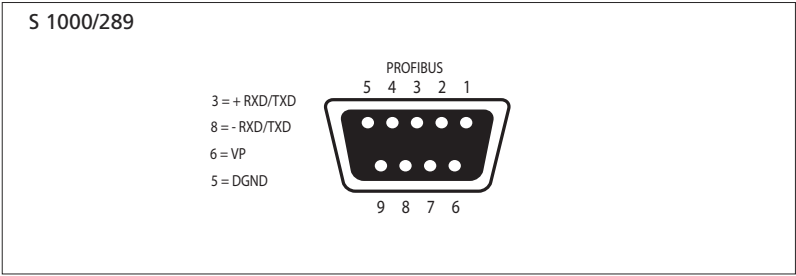
By using an **IF96001 (RS485)** or **IF96002 (RS232)** communication module or the built-in **RS485 communication** (for the models designed for it) and with the help of a PC and the downlad software it is possible to directly update the firmware version on site.

Nemo 96HD / HD+



Nemo 96HD Le





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